HORIZONS

Guide to Postsecondary Education in Ontario

1992-1993

Youth now growing up in the ... shall have an opportunity of receiving education under auspices ...

Ministry of Colleges and Universities

Ontario

92-01097/

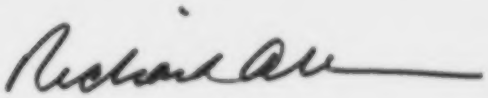
Horizons 1992-93

Learning is fundamental to individual growth and to the well being of society.

It's also a life-long habit. To get the greatest benefit from your studies, you need information that will help you make the right choices. I believe the new format of this year's *Horizons* will give you an excellent starting point for planning your career path. I hope that it will also make the planning easier and more enjoyable.

This guide also includes information on financial assistance programs. In 1990-91, the Ontario Student Assistance Program helped more than 110,000 students across the province. There are also sections on study opportunities for Native people, persons with disabilities, distance and correspondence education, and private vocational schools.

I hope that you will find a course of study that suits your personal needs and leads to a fulfilling career. Choose wisely! Good luck!



Richard Allen
Minister

© Ministry of Colleges and Universities, 1991

How to Use Horizons

- ✓ **If you are interested in attending a particular institution, find the institution's name in the "Contents" page (page 1) of this publication and read the institution's listing at the page indicated.**
- ✓ **If you are interested in enrolling in a particular course or program at a college of applied arts and technology (CAAT) or university and want to know which institutions offer it, check the CAAT charts beginning on page 11 or the university charts beginning on page 83.**
- ✓ **Other postsecondary courses and programs are listed in the "Apprenticeship" and "Other Postsecondary Education" sections. The institutions listed in these sections offer a wide variety of vocational, technical, and academic training.**

The Communications Branch of the Ministry of Colleges and Universities co-ordinates, edits, produces, and distributes *Horizons* as a service to those interested in postsecondary education in Ontario. The abbreviated listings are provided by postsecondary institutions well in advance of the current academic year. Therefore, an institution's admission criteria, selection procedures, and course offerings may differ from those published in *Horizons*.

Because *Horizons* is intended as only a general introduction to the institutions listed in it, the ministry urges readers to obtain detailed and current information by consulting the institutions' calendars and contacting the institutions directly before making a decision about postsecondary education in Ontario.

For information on postsecondary educational institutions offering programs in which the language of instruction is French, please see *Tour d'horizon, 1992-1993*, also published by the Ministry of Colleges and Universities, Public Inquiries Unit, 13th Floor, Mowat Block, Toronto, Ontario M7A 1L2.

Pour obtenir plus de renseignements sur les établissements d'enseignement postsecondaire offrant des programmes d'études en français, veuillez consulter l'édition 1992-1993 de *Tour d'horizon*, que vous pouvez obtenir au ministère des Collèges et Universités, Unité des renseignements au public, Édifice Mowat, 13 étage, Toronto (Ontario) M7A 1L2.

The Ministry reserves the right to limit the type and amount of information and the number of institutions that are listed in *Horizons*.

Horizons has been distributed in bulk to each secondary school in Ontario. The number of copies sent is equal to 140% of the 1990-91 Grade 11 enrolment of each school within each school board and every inspected private secondary school.

If additional free copies are required the schools *must contact the ministry directly*. Schools must make requests for additional copies of *Horizons in writing*, indicating the reason for the request and the ways in which those copies will be distributed.

When requesting additional copies, please submit the name of the school, its enrolment as of September 1991, and the number "owing" to each school according to the formula.

Please send your written request to: *Horizons*, Ministry of Colleges and Universities, Communications Branch, 8th Floor, Mowat Block, Queen's Park, Toronto, Ontario M7A 1L2.

Other groups or individuals may order one free copy of *Horizons* by writing to the Public Inquiries unit, Ministry of Education, 13th Floor, Mowat Block, Queens Park, Toronto, Ontario M7A 1L3 (telephone (416) 325-2929). If you are calling from outside Metropolitan Toronto, but within Ontario, you may call toll-free by dialing 1-800-387-5514.

Three hundred copies of *Horizons* will be sent to each Ontario college (CAAT) and provincially assisted university. One hundred of these are intended for key faculty and staff members who previously received a single free copy by mail. The remaining two hundred *Horizons* may be distributed by the college.

Colleges, universities, other groups or individuals may purchase additional copies of *Horizons* (minimum purchase – ten copies) at two dollars ($2) each (tax exempt). Please send your written request (written only) with a cheque or money order to: Ministry of Colleges and Universities, Communications Branch, 8th Floor, Mowat Block, Queen's Park, Toronto, Ontario M7A 1L2. Please make your cheques payable to the Treasurer of Ontario.

Permission is hereby granted by the Ministry, as copyright owner, for any person to reproduce all or a portion of *Horizons* for personal use but not for resale.

Contents

4	**Students' Costs**
5	**Financial Assistance for Students**
7	**General Information on Ontario Colleges of Applied Arts and Technology**
9	**Map of Geographic Distribution of Ontario Colleges of Applied Arts and Technology (Main Campuses)**
11	**Chart of Programs Available at Ontario Colleges of Applied Arts and Technology**
	Ontario Colleges of Applied Arts and Technology
25	Algonquin
27	Cambrian
30	Canadore
32	Centennial
34	La Cité collégiale
36	Conestoga
38	Confederation
40	Durham
41	Fanshawe
44	George Brown
47	Georgian
49	Humber
51	Lambton
53	Loyalist
55	Mohawk
57	Niagara
58	Northern
59	St. Clair
61	St. Lawrence
62	Sault
64	Seneca
68	Sheridan
71	Sir Sandford Fleming
74	**Apprenticeship**
80	**General Information on Ontario Universities, Ryerson and OCA**
82	**Map of Geographic Distribution of Ontario Universities and Ryerson**
83	**Chart of Programs Available at Ontario Universities and Ryerson**
	Ontario Universities, Ryerson, and OCA
94	Brock
96	Carleton
98	Guelph
103	Lakehead
106	Laurentian
109	McMaster
113	Ontario College of Art
114	Ottawa
118	Queen's
120	Royal Military College
122	Ryerson Polytechnical Institute
124	Toronto
134	Trent
135	Waterloo
139	Western Ontario
144	Wilfrid Laurier
146	Windsor
149	York
	Other Postsecondary Educational Institutions
153	Non-Publicly Funded Institutions with Statutory Authority to Grant Theological or Other Degrees
154	Centralia College of Agricultural Technology
154	Kemptville College of Agricultural Technology
155	Medical Institutions
156	Michener Institute for Applied Health Sciences
156	New Liskeard College of Agricultural Technology
156	Niagara Parks Commission School of Horticulture
157	Ridgetown College of Agricultural Technology
158	**Registered Private Vocational Schools**
169	**Distance Education and Correspondence Study**
174	**Facilities for Students with Disabilities**
182	**Native Studies**
187	**Study Opportunities for Senior Citizens**
190	**Selected Reference Publications**

Cover script courtesy of the National Archives of Canada. (Negative C-137947.)

PROTECTING OUR ENVIRONMENT
Ontario

This book is printed on recycled paper.

Students' Costs

Total Costs

Total costs for an eight-month academic year at a postsecondary institution may vary from approximately $2800 for a student living at home and attending a college of applied arts and technology to approximately $8900 or more for a university student living on campus or boarding away from home.

Annual Tuition Fees

University tuition or academic fees may usually be paid in two instalments, depending on the institution. College fees must generally be paid in one instalment. When accepting an offer of admission by a college of applied arts and technology, you must submit a non-refundable confirmation fee, which is deducted from the full tuition fee. Some universities also require a deposit on tuition fees for limited-enrolment programs.

The following figures show the approximate annual fees for a full-time undergraduate in various subject areas for the 1991-92 academic year.

University Degree Programs - Annual Fees
(not including incidental, co-op, and other fees)

arts	$1769
commerce	$1769
dentistry (not including kit fee)	$2250
education	$1769
engineering	$1921
law	$1769
medicine	$2250
nursing	$1769
physical education	$1769
science	$1769

Other Institutions - Annual Fees

Ontario College of Art (not including incidental fees)	$1769
Colleges of Applied Arts and Technology (two terms)*	$ 800
Royal Military College (not including incidental fees)	$1080
Ryerson Polytechnical Institute (not including incidental fees)	$1769

*Fees may vary according to length of program.

International Student Fees

The policy of the Ontario government is that international students admitted to Canada on student authorizations pay a higher proportion of the cost of their education than Canadian students do. Tuition fees for international students are therefore higher than for Canadians.

Certain international students are exempt from the higher fee. These students include diplomatic and consular officials and their dependants; individuals and their children and spouses admitted to Canada for the purpose of engaging in employment; Convention refugees, refugee claimants who applied for Convention status prior to January 1, 1989, and their spouses and dependants; students sponsored by the Canadian International Development Agency; and students studying in Canada under eligible cultural exchanges and awards schemes. Students who are unsure about their status in this matter or who want more information are urged to contact the institution to which they are applying.

Tuition fees for international students registering in most programs at the colleges of applied arts and technology are $6160 per two-term academic year.

Because the universities are autonomous in the area of determining tuition fees, the final decision on fees for international students is left to the board of governors. Generally, university international student fees range from $5905 to $10 893 (per two-term academic year) for new undergraduate registrants, depending on the institution and program chosen. Students are advised to check with the individual institutions for details on the actual fees charged to international students.

Transportation

At least $55 a month should be added to your living expenses if you are not within walking distance of classes. This figure will vary according to public transportation rates, car pool arrangements, and parking fees.

Books and Student Supplies

College and university students should allow $370 to $735 per year for books and supplies. Students in specialized or professional university courses such as architecture, dentistry, and medicine, or in college programs such as photography, cinematography, advertising, and graphic arts, may require additional funds for the purchase of books, instruments, and supplies.

Incidental (Ancillary) Fees

The ancillary fees charged by postsecondary institutions cover such costs as health insurance, athletics and recreational facilities, student government, and work-term placement. Such fees are collected as separate mandatory fees. Tuition-related fees such as laboratory, shop, and computer-use costs are included in the standard tuition fee.

For specific information, consult the calendars of the various universities and colleges.

Application and Examination Fees

Students wishing to enter an Ontario university in any year must apply to:
Ontario Universities' Application Centre
650 Woodlawn Road West
P.O. Box 1328
Guelph, Ontario N1H 7P4
Telephone: (519) 823-1940
Toll-free: 1-800-265-8341

The Centre receives and records applications and student responses to university offers of admission. An $18 fee must accompany the common application form.

Students wishing to enter colleges of applied arts and technology must submit their applications to the college(s) of their choice. No application fee is required. Some institutions require fees from students writing special examinations. For further information, please contact your secondary school guidance counsellor or a college registrar.

Ontario Health Insurance

Every Ontario resident is covered under Ontario Health Insurance for a wide variety of health services by hospitals, physicians, and certain other health practitioners. There are no premiums for this coverage. For more information you should telephone, write, or visit the nearest Ontario Ministry of Health office, listed in the blue pages of the telephone book.

Board and Lodging

All Ontario universities and some colleges have residence facilities. Depending on meal plans and occupancy, residence costs range from approximately $2700 to $4420 or more for an academic year. Students who choose board and lodging should allow at least $120 a week to cover these costs. All institutions maintain a housing registry, which lists available accommodation in the area. For specific information, consult the institution's calendar.

International Student Expenses

The policy of the Ontario government is that international students admitted to Canada on student authorizations pay a higher proportion of the cost of their education than Canadian students do. Tuition fees for international students are therefore higher than for Canadians.

Certain international students are exempt from the higher fee. These students include diplomatic and consular officials and their dependants; individuals and their children and spouses admitted to Canada for the purpose of engaging in employment; Convention refugees, refugee claimants who applied for Convention refugee status prior to January 1, 1989, and their spouses and dependants; students sponsored by the Canadian International Development Agency; and students studying in Canada under eligible cultural exchanges and awards schemes. Students who are unsure about their status in this matter or who want more information are urged to contact the institution to which they are applying.

Tuition fees for international students registering in most programs at the colleges of applied arts and technology are $6160 per two-term academic year.

Because the universities are autonomous in the area of determining tuition fees, the final decision on fees for international students is left to the board of governors. Generally, university international student fees range from $5905 to $10 893 (per two-term academic year) for new undergraduate registrants, depending on the institution and program chosen. Students are advised to check with the individual institutions for

details on the actual fees charged to international students.

Miscellaneous Expenses
In addition to the basic board, lodging, and tuition costs, incidental expenses must be considered in any estimate of the cost of a year at a university or college. Students should allow a weekly average of about $35 for miscellaneous items such as laundry, personal needs, and entertainment.

Financial Assistance for Students

How Will You Pay for Your Education?
When you are deciding how you will continue your education, an important factor is the cost. Unlike the case in high school, when you attend a college, university, or other postsecondary institution, you are responsible for paying:

- tuition fees
- compulsory, lab, or student union fees
- books and supplies costs
- housing costs, if you attend an institution not in your home town
- living expenses, including food, local transportation, clothing, and entertainment.

Your first source of financial assistance is yourself and your family. The government considers the primary responsibility for the costs of your postsecondary education to rest with you and your family. You should talk with your parent or parents to discuss the type and amount of assistance they can provide.

Summer and/or part-time jobs are an excellent way to save money to help pay your educational costs. You may also consider working part-time while attending college or university to help cover your living costs. You should think about how a part-time job will affect your studies.

Don't forget the possibility of receiving financial assistance from scholarships, bursaries, and academic awards. They are offered by colleges, universities, businesses, corporations, and governments.

Although the government considers you and your family as your first source of financial assistance, it recognizes that not all families are in a position to help their son(s) or daughter(s) with all of their educational costs. This is where the Ontario Student Assistance Program (OSAP) steps in to help.

What Is OSAP?
The Ontario Student Assistance Program (OSAP) may provide you with financial assistance in the form of grants, loans, and/or bursaries. This program is funded by the federal and the provincial governments. OSAP consists of six plans:

- Canada Student Loans Plan (CSL)
- Ontario Study Grant Plan (OSG)
- Ontario Student Loans Plan (OSL)
- Part-Time Canada Student Loans Plan
- Ontario Special Bursary Plan (OSBP)
- Ontario Work-Study Plan (OWSP)

Depending on your financial need and personal situation, you may receive a Canada Student Loan and/or Ontario Student Loan and/or Ontario Study Grant.

In addition, the following plans are available to assist students with exceptional needs:

Part-Time Canada Student Loans Plan
This program helps part-time students to cover the cost of tuition, books, transportation, child care, and incidentals.

Ontario Work-Study Plan
The Ontario Work-Study Plan provides students with part-time jobs, usually on campus, to help them cover exceptional expenses without accumulating additional debt.

Ontario Special Bursary Plan
The Ontario Special Bursary Plan provides financial assistance to part-time students in serious financial need. It is also available for students enrolled in approved full- and part-time upgrading courses.

If you have any questions about financing your education or about OSAP, contact the Financial Aid Administrator at the college or university nearest you.

Grants and Loans
A grant is money that you are generally not required to repay. Grant assistance is made available to help students complete their first four years of postsecondary study without accumulating a significant debt.

A loan is money lent to you by your bank. The federal government (Canada Student Loans) and the Ontario government (Ontario Student Loans) guarantee your loan to the bank. Student loans are interest-free while you are studying full time, because the federal and provincial governments pay the interest charges on your behalf. Loans are repayable at a specific rate of interest, beginning six months after you cease full-time study.

How to Repay Your Loans
If you receive loans through the Canada and/or the Ontario Student Loans plans, these loans are repaid to your bank. Interest rates between plans vary; however, you can expect to pay at or above the prime lending rate. If you receive a loan in each year of your studies, you must remember that these loans accumulate and that you will be responsible for repayment. It is important for you to keep track of the loans you receive and to be aware of your future monthly payment obligations.

How OSAP Works
OSAP bases its financial assistance on your needs. It is intended to supplement your resources, not replace them. The amount of assistance you receive is based on your financial need as calculated by OSAP. Need is determined by using the following formula:

Financial need = Amount of money allowed under OSAP − Educational costs

Allowable educational costs include:

- tuition and compulsory fees
- allowances for books, equipment, and supplies

- allowances for personal and living expenses
- allowances for local travel
- allowances for trips home
- allowances for child care

Both the federal and provincial governments contribute money to OSAP. Both consider it your and your family's responsibility to pay for your educational expenses. The amount of money you are expected to contribute is based on your summer or work-period income, investment income, academic awards, government assistance, and assets. The amount of money your family is expected to contribute is based on your family's specific situation. OSAP considers their income, assets, family size, living expenses, and the number of children in the family enrolled in postsecondary study.

To be eligible to apply for OSAP, you must:

- be a Canadian citizen or permanent resident
- be considered by OSAP as a resident of Ontario
- plan to attend an approved post - secondary institution (Ontario college of applied arts and technology, university, or a private postsecondary institution approved by OSAP)
- enrol in a program that leads to a degree, diploma, or certificate
- plan to enrol in a program that meets OSAP's minimum course-length and course-load requirements.

How Much Assistance Is Available

The amount of financial assistance available to you will depend on your personal situation. Generally, students completing high school will receive the following maximum amounts of assistance for a two-term year:

- Ontario Study Grant: $2550 per term ($5000 per year); $3500 per term for students with disabilities
- Canada Student Loan: $105 per week multiplied by the number of weeks in your study period (for example, 34 x 105 = $3570 per year)
- Ontario Student Loan: $1000 per term ($2000 per year)
- Ontario Special Bursary Plan: $2500 per year
- Ontario Work Study Program: earn up to $1000 per term

Special Situations

When you apply for financial assistance, OSAP assesses your application by using its standard policies and guidelines. Your financial need may not be adequately met by this standard assessment. Therefore, you may be able to appeal your assessment and have OSAP consider your exceptional circumstances. These circumstances may include:

- changes in your or your family's situation while you are studying
- unexpected major expenses
- your inability to save sufficient money from your summer or work-period income

If you feel you are in a situation that requires special consideration, discuss this with the Financial Aid Administrator of the institution you plan to attend.

Other Awards

Scholarships and bursaries available from the Ministry of Colleges and Universities include:

The Aird Scholarship

This $2500 scholarship is intended to help students with physical disabilities study full time at a recognized Ontario postsecondary institution. It is granted each year to applicants who best demonstrate outstanding achievement, motivation, and initiative. Application forms and information are available at your high school guidance office or from the Student Support Branch of the Ministry of Colleges and Universities.

Canada Scholarships

The Canada Scholarships Program awards over 2500 scholarships annually to students entering first-year undergraduate studies in the natural sciences, engineering, and related disciplines. The scholarship is worth up to $8000 over four years, with the further possibility of special industrial awards to outstanding Canada Scholars in particular fields. The program is jointly administered by Industry, Science and Technology Canada and the Association of Universities and Colleges of Canada. For more information contact your guidance counsellor, university awards office, or:

The Canada Scholarship Program,
Awards Division
Association of Universities and Colleges of Canada
151 Slater Street
Ottawa, Ontario K1P 5N1
Telephone: (613) 563-1236

Fellowships for Studying in French

These $1000 fellowships are provided for the first year of study in any discipline studied in the French language at the graduate or undergraduate level in a French-language or bilingual Canadian university or college in Ontario, or in a French-language CEGEP in Quebec. Application forms and information are available at your high school guidance office or from the Student Support Branch.

Student Achievement Awards

A number of corporations, organizations, and service clubs offer non-repayable awards to students on the basis of need and/or certain academic minimums.

Summer Language Bursary Program

This program gives institutions $1350 to cover the cost of tuition, board and lodging, and cultural activities for each student enrolled in immersion courses in a second official language, either English or French. Application forms and information are available at your high school guidance office or from the Student Support Branch.

For complete details of scholarships, bursaries, and awards for which you may be eligible, contact the Financial Aid Administrator at the Ontario college or university of your choice.

How and When to Apply for OSAP

The first step in applying for OSAP assistance is completing an OSAP application form. This form can be used to apply for Canada Student Loans, Ontario Student Loans, and Ontario Study Grants. An OSAP "kit" includes the application form and an instruction booklet. In addition, an information booklet describing OSAP in detail is available. Kits and booklets are available from:

- the guidance office of your high school
- financial aid offices of Ontario colleges and universities
- Student Support Branch of the Ministry of Colleges and Universities .

OSAP application forms are usually available by May. It takes approximately eight to ten weeks to process your application. If you apply before the end of June, you should know before classes begin in September how much assistance will be available to you. Once you have started classes, you may still apply for assistance until 90 days before the end of your postsecondary academic year.

Additional information and details on completing the OSAP application form are available from the Financial Aid Administrator of the Ontario college or university nearest you.

Further Information

If you have questions about OSAP, contact the financial aid office of the institution you plan to attend or of the postsecondary institution nearest you. A Financial Aid Administrator is available at every Ontario university and college to help you obtain the assistance you are eligible to receive, or you may contact:

Student Support Branch
Ministry of Colleges and Universities
P.O. Box 4500
Thunder Bay, Ontario P7B 6G9
Telephone: (807) 343-7260
Toll-free: 1-800-465-3013
TDD 1-800-465-3958

Ministry of Colleges and Universities
Financial Aid Office
900 Bay Street
Mowat Block, 8th Floor
Queen's Park
Toronto, Ontario M7A 2B4
Telephone: (416) 965-2798 or
(416) 965-6263
Toll-free: 1-800-263-2847
or 1-800-263-2848

This office processes OSAP applications from students enrolled in private vocational schools and postsecondary institutions outside of Ontario.

Ontario Colleges of Applied Arts and Technology

General Information
Ontario's 23 colleges of applied arts and technology, with more than 100 campuses across Ontario, provide students with the opportunity to develop the skills necessary to prepare for rewarding careers in business, applied arts, technology, and health sciences.

Colleges offer a variety of full- and part-time career-oriented programs for secondary school graduates and for mature students who may not have completed secondary school.

Most college programs fall into two categories:

- diploma programs – may be either two years in length with four or more semesters, or three years with six or more semesters
- certificate programs – one year or less.

General Admission Requirements
The following persons are eligible to apply for admission to the college programs:

- those who hold, at least, an Ontario Secondary School Diploma (OSSD) or equivalent;
- mature students who are 19 years of age on or before the date of enrolment in the intended program of study.

Note:
With reference to admission requirements for postsecondary programs:

OSSD = Ontario Secondary School Diploma (30 credits subject to the conditions specified in section 4.10 of *Ontario Schools: Intermediate and Senior Divisions (Grades 7-12/OACs), Program and Diploma Requirements, Revised Edition, 1989*). Available as of June 1986.

OSSGD = Ontario Secondary School Graduation Diploma (completion of 27 credits meeting Ministry of Education requirements). Available up to August 31, 1989.

OSSHGD = Ontario Secondary School Honour Graduation Diploma (completion of six credits at the Grade 13 level). Available up to August 31, 1990.

Specific admission requirements vary from program to program. You should therefore consult the calendar of the college you plan to attend. Calendars may be obtained from secondary school guidance offices or directly from the college's registrar.

If the number of students eligible for a program exceeds the number of places available, qualified applicants will be admitted in the following order of preference: permanent residents of Ontario, permanent residents of other Canadian provinces or territories, and international students.

Schedule of Important Dates – 1992
March 1
Applications postmarked on this date or earlier will be given equal consideration in the application process. Applications after this date will be considered on an individual basis.

April 15
Colleges send out offers of admission for programs beginning in September 1992.

Programs
Horizons/Tour d'horizon will help you find out which programs are being offered at the various colleges. Some programs can be attended part-time.

Some Information About Nursing Programs
Basic-level preparation for the practice of nursing can be obtained through either diploma or degree programs. Upon successful completion of either type of program, graduates are eligible for admission to the examination conducted by the regulatory body, the College of Nurses of Ontario, in order to qualify for practice as registered nurses in Ontario.

Colleges of applied arts and technology offer diploma nursing programs primarily in a 3-year academic format, with some colleges providing programs in a 2 1/2-year format. Both program formats contain theoretical content and clinical experience that is in keeping with the provincial standards for nursing programs.

Diploma nursing programs are offered in all colleges. Degree programs are available at eight universities and at Ryerson Polytechnical Institute. The Government of Ontario has reaffirmed its position that both diploma and degree nursing programs are acceptable routes for gaining entry to the practice of nursing.

Some Information About Technology Programs
Technologist Programs
A technologist program prepares graduates to perform a variety of functions in a physical science or engineering specialization, typically in support of research, development, design, quality control, or production activities, using knowledge of scientific, mathematical, and engineering principles and practices.

A typical full-time technologist program in the colleges takes six semesters (from September to April) or three years.

Technician Programs
A technician program prepares graduates to perform a limited number of technical functions in a physical science or engineering specialization, typically in relation to installation, operation, maintenance, quality control, or production planning, using a basic knowledge of specific scientific, mathematical, and engineering principles and practices. A typical full-time technician program takes four semesters (from September to April) or two years.

Colleges also offer non-semestered technician programs in selected occupations. These programs may be somewhat shorter because of continuous operation during the summer months. Individuals may be supported in these programs by Employment and Immigration Canada (EIC) under the Canada-Ontario Agreement on Training. The EIC may pay tuition costs and provide either a weekly Unemployment Insurance benefit or a weekly allowance. Students referred to a college away from their place of residence may receive travel and living-away-from-home allowances. Further information about federal assistance is available from the local Canada Employment Centre or from the college.

Apprenticeship
Colleges of Applied Arts and Technology also play a vital role in a number of programs administered by the Ministry of Skills Development, such as apprenticeship. Colleges provide the institutional portion of training under the apprenticeship program. Apprentices spend about 90% of their training program learning on-the-job; however, they attend colleges to gain the knowledge and skills they might not be able to learn in the workplace.

For instance, a general machinist apprentice attends a college three times during the 4-year apprenticeship program. These college periods – called Basic, Intermediate, and Advanced – each last two months. The number and length of in-college terms varies from occupation to occupation. Apprentices attending colleges may receive financial support from the Canada Employment and Immigration Commission, under the Canada-Ontario Agreement on Training.

Check the "Apprenticeship" section to learn more about how apprenticeship works and which programs are available. For further information, consult the electronic "Directory of Apprenticeship Careers / Répertoire de Carrières d'apprentissage", available through your school guidance office.

Careers for Women in Technology and the Trades
Traditionally, few women have entered technology careers, but colleges are encouraging and assisting women to prepare for careers in these non-traditional occupations.

Of course, all college programs are open to both men and women. Some women may require preparatory training before selecting a career and beginning training. Therefore, a number of colleges offer courses specifically for women interested in careers in technology.

College Preparatory Programs for Academic Upgrading
College preparatory programs are designed to help mature students prepare for their next academic or skill-training step. One of the major college preparatory programs is Basic Training for Skill Development (BTSD).

Before beginning an upgrading program, students must normally take a test to assess their academic background and level. Students, working at their own pace, must meet

specified objectives before continuing to the next level. Certificates are issued for each BTSD program completed. Students should be aware that they cannot apply certificates received for completing a BTSD program toward an OSSD.

Fees are charged, but students may be eligible to receive financial support from the Canada Employment and Immigration Commission under the Canada-Ontario Agreement on Training.

Co-operative Education
Co-operative education formally integrates academic study and paid work experience. The following institutions offer co-operative programs: Algonquin, Cambrian, Canadore, Centennial, La Cité collégiale, Conestoga, Confederation, Fanshawe, George Brown, Georgian, Humber, Lambton, Mohawk, Niagara, Sault, Seneca, Sheridan, and Sir Sandford Fleming.

Futures
Futures is a program designed to give young people between the ages of 15 and 24 who encountered difficulty in finding employment an opportunity to gain the training and experience they need to become employable. Futures also offers counselling services and educational upgrading to help young people develop the skills they need to find and to keep jobs. Under the Futures program, employers have the opportunity to train young people for permanent employment without having to pay their salaries during the initial training period. Futures is sponsored by the Ministry of Education.

There are four different options in the Futures program:

- Pre – Employment Preparation is a 16-week course that teaches basic work skills. Young people work with counsellors to learn how to find – and how to keep – jobs. They receive a $125-a-week training allowance.

- Work Experience offers on-the-job training for up to 16 weeks. The trainees are paid minimum wage by the program. The employer provides the training. Under Enhanced Training, the employment period may be extended to 26 weeks if more in-depth training is needed and available. Costs for the related off-site formal training are paid by the employer.

- One Year Guarantee Option allows participants to gain on-the-job training for one year. They must, however, earn at least one high school credit on their own time during that year. Trainees are paid minimum wage by the program and spend no more than 16 weeks with any one employer.

- Part-Time Work/Part-Time School Option allows participants to work part-time and to earn secondary school credits part-time. The program pays minimum wage for the hours worked, as well as a $100 a week as an allowance for the school component.

In all cases, the program covers the wages of the participants, while the employer provide useful and meaningful work experience, supervision, and training.

Contact your local Futures office at a community college or a youth employment counselling centre near you. The Futures program is administered at 130 locations throughout the province. Or call the Ontario Youth Hotline at 1-800-387-0777.

Ontario Management and Development Program (OMDP)
This program is designed to help managers improve their supervisory skills in human relations, effective communication, and planning. It is offered at most colleges and in many workplaces. For more information, contact your employer or the industrial training consultant at your nearest college.

Industrial Training
Colleges also help employers establish on-the-job training programs. Employers may receive financial support for these programs from the Canada Employment and Immigration Commission under the Canada-Ontario Agreement on Training. For more information, telephone the Training Hotline at 1-800-387-5656 or the regional Ministry of Skills Development Apprenticeship Office nearest you.

Continuing Education
Continuing education provides members of the community with an opportunity to learn at a time and place convenient to them. Most colleges offer a variety of credit and non-credit courses. Courses can usually be taken on a part-time day or evening basis throughout the year. Depending on the college and its programs, students may work toward a certificate or diploma. In addition, most colleges offer non-credit courses covering a broad range of career-oriented and general-interest subjects.

In general, these courses are offered on college campuses, but many are offered in other locations, such as churches, secondary schools, and community centres.

For lists of courses and programs offered through continuing education, contact the individual colleges.

Transfer Possibilities for College Graduates
While it is not intended that the colleges should act as feeder institutions to the universities, graduates of 2-year or 3-year programs may be accepted, on an individual basis, for admission to the first year of certain university programs.

In some instances, qualified graduates of the 2- or 3-year programs may be admitted to the second year of related university programs. For example, a graduate from an engineering technology program may qualify for admission to a university degree program in engineering, if a place is available. Decisions about the admissibility of individual college graduates to degree programs are made by the admissions officers of the universities concerned. Further information on transferability opportunities in specific programs may be obtained from colleges.

Fees
In 1991-92, tuition fees were $800 per academic year for most full-time diploma programs. Fees may vary, however, according to program length. Tuition fees for other programs were $22.35 per week and $1.90 per hour for part-time courses. Fees for international students (per two-term academic year) were $6650. All the above fees are subject to change. See the section "Students' Costs" for further information.

Other Facilities
Students should check with colleges housing or student services offices regarding residence facilities or lists of off-campus housing. Each colleges operates counselling services and health centres, and most have sports facilities, resource centres, and job placement services.

Geographic Distribution of Ontario Colleges of Applied Arts and Technology (Main Campuses)

(Please contact the main campus of each college for location of affiliated campuses.)

Legend

- • : Program is offered at the college indicated. Call the college for details.
- A : Program is also offered in French.
- B : Program is bilingual.
- P : Program is possible.
- F : Program is offered in French only.
- ☐ : Co-op program.

Apprenticeships

		Algonquin (Ottawa)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	La Cité collégiale (Ottawa)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Toronto)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland)	Northern (South Porcupine)	St. Clair (Windsor)	St. Lawrence (Kingston)	Sault (Sault Ste. Marie)	Seneca (Toronto)	Sheridan (Oakville)	Sir Sandford Fleming (Peterborough)
1.1	**Apprenticeships, Regulated**																							
1.1.1	Air Conditioning and Refrigeration	•									•					•								
1.1.2	Alignment & Brakes Mechanic	•			•											P								
1.1.3	Auto Body Repairer	•			•					•						•								
1.1.4	Automotive Machinist				•																			
1.1.5	Automotive Painter	P			•																			
1.1.6	Baker	•									•						•							
1.1.7	Barber/Hairstylist	•									•								•		•			
1.1.8	Brick & Stone Mason										•					•				P				•
1.1.9	Carpenter, General	•	•				•	•	•	•	•	•				•			•	•				•
1.1.10	Construction Boilermaker												•	•										
1.1.11	Cook	•	•	•						•	•	•	•				•		•	•	•			•
1.1.12	Electrician (Construction & Maintenance)	•					•	•	•	•	•		•			•		•	•	•	•		•	•
1.1.13	Farm Equipment Mechanic									•														
1.1.14	Fitter - Structural Steel Platework		•	•							•									•				
1.1.15	Fuel & Electrical Systems Mechanic				•																			
1.1.16	General Machinist	•	•				•		•	•	•	•			•	•	•		•	•			•	
1.1.17	Glazier & Metal Mechanic	•									•													
1.1.18	Hairdresser/Hairstylist	•								•	•								•		•			•
1.1.19	Heavy Duty Equipment Mechanic				•			•													•			
1.1.20	Hoisting Engineer										•													
1.1.21	Horticulturist	•											•			•								
1.1.22	Industrial Electrician								•	•						•			•					
1.1.23	Industrial Mechanic Millwright	•	•	•		F	•	•	•	•	•	•				•	•	•	•	•		•	•	•
1.1.24	Industrial Woodworker	•					•		•	•			•			•								
1.1.25	Ironworker										•					•								
1.1.26	Lather	•				P																		
1.1.27	Machinist, General	•	•	P	•		•		•	•	•	•				•	•			•			•	•
1.1.28	Marine and Small Engine Mechanic							•													•			•
1.1.29	Motor Vehicle Mechanic	•		•	•		•	•	•	•					•	•	•		•	•	•			
1.1.30	Motorcycle Mechanic				•																			
1.1.31	Mould Maker						•		•	•	•								•				•	
1.1.32	Painter & Decorator												•											
1.1.33	Plumber	•					•		•	•	•		•			•			•	•	•			
1.1.34	Precision Metal Fabricator								•															
1.1.35	Printer									P														
1.1.36	Radio & Television Tn										•													
1.1.37	Refrigeration & Air-Conditioning Mechanic																			•				
1.1.38	Sheet Metal Worker	•								•	•		•			•								
1.1.39	Sprinkler & Fire Protection Installer										•													
1.1.40	Steam Fitter								•		•										•			
1.1.41	Tool & Die Maker						•		•	•	•	•				•	•		•				•	•
1.1.42	Transmission Mechanic				•																			
1.1.43	Truck/Trailer Repairer				•																			
1.2	**Other Apprenticeships**																							
1.2.1	Aircraft Maintenance Engineer				P																			
1.2.2	Building System Technician	P																						
1.2.3	Drywall and Acoustics Mechanic															•								
1.2.4	Electric Motor and Apparatus Rewinding						•																	

Legend

- • : Program is offered at the college indicated. Call the college for details.
- A : Program is also offered in French.
- B : Program is bilingual.
- P : Program is possible.
- F : Program is offered in French only.
- ☐ : Co-op program.

		Algonquin (Ottawa)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	La Cité collégiale (Ottawa)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Toronto)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland)	Northern (South Porcupine)	St. Clair (Windsor)	St. Lawrence (Kingston)	Sault (Sault Ste. Marie)	Seneca (Toronto)	Sheridan (Oakville)	Sir Sandford Fleming (Peterborough)
1.2.5	Electrician - Appliance Repair		•													P								
1.2.6	Fence Installer															•								
1.2.7	Fitter Welder									•						P								
1.2.8	Industrial Electrical Technician (Gen)															•				•				•
1.2.9	Industrial Electronic Controls	•					•	•			•			•										
1.2.10	Industrial Maintenance Mechanic													•										
1.2.11	Instrument Electrical Mechanic													•										
1.2.12	Instrument Mechanic						•																	
1.2.13	Millwright (Construction/Industrial)		•								•													
1.2.14	Moving and Storage	P																						
1.2.15	Office Equipment Technician	P													P									
1.2.16	Parts Merchandising				P																			
1.2.17	Plastics Mechanic																							•
1.2.18	Precision Sheet Metal Fabrication	•																						
1.2.19	Recreational Vehicle Mechanic															•								•
1.2.20	Reinforcing Steel Worker										•													
1.2.21	Retail Meat Cutter	•									•													
1.2.22	Roofer															•								
1.2.23	Tire Wheel and Rim Mechanic				•																			
1.2.24	Truck & Coach Repairer				•																•			
1.2.25	Water Well Driller																							•
1.2.26	Welder Fabricator															•								

College Programs

2.1	**Applied Arts - Advertising and Design**																							
2.1.1	Advertising	•	•		•	F			•			•	•		•	•			•			•		
2.1.2	Advertising and Graphic Design	•		•		F	•		•	•	•	•	•			•	•		•	•	•	•	•		
2.1.3	Creative Advertising																						•		
2.1.4	Graphic Design Fundamentals													•											
2.1.5	Interior Design	•			•	F		•	•			•	•				•		•				•		
2.1.6	Visual Merchandising Arts																						•	•	
2.2	**Applied Arts - Art**																								•
2.2.1	Art Conservation Techniques													•											
2.2.2	Art Fundamentals											•						•		•			•		
2.2.3	Fine Arts and Crafts									•		•											•		
2.2.4	Fine Arts and Crafts - Advanced	•																							
2.2.5	Museum Technology																								
2.3	**Applied Arts - Child/Youth Worker**	•	A		•	F		•		•	•		•			•		A		•	•				
2.3.1	Child and Youth Worker																								
2.4	**Applied Arts - Community Planning**															•									
2.4.1	Community Planning																								
2.4.2	Design - Urban																								
2.5	**Applied Arts - Crafts**											•													
2.5.1	Ceramics																								•
2.5.2	Ceramics - Advanced											•													
2.5.3	Gemmology											•	•												
2.5.4	Jewellery Arts											•													
2.5.5	Jewellery Repair																								

Legend

- • : Program is offered at the college indicated. Call the college for details.
- A : Program is also offered in French.
- B : Program is bilingual.
- P : Program is possible.
- F : Program is offered in French only.
- ☐ : Co-op program.

		Algonquin (Ottawa)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	La Cite collegiale (Ottawa)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Toronto)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland)	Northern (South Porcupine)	St. Clair (Windsor)	St. Lawrence (Kingston)	Sault (Sault Ste. Marie)	Seneca (Toronto)	Sheridan (Oakville)	Sir Sandford Fleming (Peterborough)
2.6	**Applied Arts - Developmental Services Worker**																							
2.6.1	Developmental Services Worker	•	B		•	F		•		•		•	•		•			A	•	•	•			
2.7	**Applied Arts - Education**																							
2.7.1	Day Care Assistant										•	•										•	•	
2.7.2	Early Childhood Education	•	A	•	•	F	•	•	•	•	•	•	•	•	•	•	B	A	•	•	•	•	•	•
2.7.3	Educational Assistant																							•
2.7.4	Educational Resources and Special Needs																•							
2.7.5	Teacher Aide							•													•			
2.7.6	Teachers of Adults																				•			
2.8	**Applied Arts - Fashion**																							
2.8.1	Apparel Manufacturing Management										•													
2.8.2	Cosmetic Sales	•			•																•	•		
2.8.3	Cosmetic Techniques												•									•	•	
2.8.4	Esthetician																					•	•	
2.8.5	Fashion Arts																			•		•		
2.8.6	Fashion Arts - Modelling and Fashion												•											
2.8.7	Fashion Technique and Design										•													
2.9	**Applied Arts - Graphic Arts/Printing**																							
2.9.1	Graphic Arts Reproduction - Production Co-Ordinator														•									
2.9.2	Graphic Sign Design and Production										•													
2.9.3	Printing Technician	•				F					•													
2.9.4	Printing Technology										•													
2.10	**Applied Arts - Landscape and Horticulture**																							
2.10.1	Landscape and Horticultural Technician	•	•			F							•						•					
2.10.2	Landscape and Horticultural Techniques																		•					
2.10.3	Landscape and Horticultural Technology												•											
2.10.4	Retail Floriculture																							
2.10.5	Retail Florist	•				F																•		
2.10.6	Urban Arboriculture												•											
2.11	**Applied Arts - Law and Security**																							
2.11.1	Correctional Worker	•	B		•	F														•	•		•	•
2.11.2	Law and Security - Basic																	•			•			
2.11.3	Law and Security Administration	•	A	•		F	•	•	•	•		•	•	•	•	•	•		•	•	•	•	•	•
2.11.4	Protective Security	•				F																		
2.11.5	Security Alarm Techniques																							•
2.11.6	Security Systems Implementation and Design	•						•																
2.12	**Applied Arts - Library**																							
2.12.1	Library and Information Technician	•	B			F				•									•				•	•
2.13	**Applied Arts - Media**																							
2.13.1	Animation																					•		
2.13.2	Animation - Television	•																						
2.13.3	Audio-Visual Technician									•			•									•		
2.13.4	Book and Magazine Publishing				•																			
2.13.5	Broadcasting Radio and Television	•		•	•	F	•	•		•			•	•	•	•	•					•		
2.13.6	Film and Television Production												•											
2.13.7	Film Production							•																
2.13.8	Journalism - Print and Broadcasting	•	•	•	•	F	•		•	•			•		•	•	•		•				•	
2.13.9	Media Arts																						•	
2.13.10	Music Industry Arts									•														

Legend

- • : Program is offered at the college indicated. Call the college for details.
- A : Program is also offered in French.
- B : Program is bilingual.
- P : Program is possible.
- F : Program is offered in French only.
- □ : Co-op program.

		Algonquin (Ottawa)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	La Cité collégiale (Ottawa)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Toronto)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland)	Northern (South Porcupine)	St. Clair (Windsor)	St. Lawrence (Kingston)	Sault (Sault Ste. Marie)	Seneca (Toronto)	Sheridan (Oakville)	Sir Sandford Fleming (Peterborough)
2.13.11	Photographic Laboratory Operator																								
2.13.12	Photography	•				F		•		•			•												
2.13.13	Photography - Advanced									•			•											•	
2.13.14	Photojournalism																								
2.13.15	Technical Writer	•													•										
2.14	**Applied Arts - Native Community Worker**																								
2.14.1	Band Management							•																	
2.14.2	Native Alcoholism Worker							•																	
2.14.3	Native Child and Family Worker		•					•																	
2.14.4	Native Community Worker		•													•		•			•				
2.14.5	Native Recreation Worker																	•							
2.15	**Applied Arts - Performing Arts**																								
2.15.1	Arts Administration							•																	
2.15.2	Music		•										•			•									•
2.15.3	Music Theatre - Performance																								
2.15.4	Theatre Arts																						•		
2.15.5	Theatre Arts Production												•												
2.16	**Applied Arts - Preparatory/Upgrading**										•		•										•		
2.16.1	College Vocational	•	A	•				•		•					•		•	A		•		•			
2.16.2	General Arts and Science	•	A	•	•	F	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•
2.16.3	General Arts and Science - Advanced														•										
2.16.4	General Vocational Preparation							•										•			•				
2.16.5	Pre-Health Science										•														
2.16.6	Preparatory Health Sciences									•															
2.17	**Applied Arts - Public Relations**																								
2.17.1	Public Relations	•	A			F			•				•												
2.18	**Applied Arts - Recreation/Fitness**																								
2.18.1	Coaching Techniques																					•			
2.18.2	Fitness and Health Promotion									•	•														
2.18.3	Fitness Management																								
2.18.4	Recreation - Parks Operation and Services																					•			
2.18.5	Recreation Leadership	•		•	•	F	•	•	•	•			•		•	•					•	•			•
2.18.6	Recreational Marine Management																			•					
2.18.7	Ski Area Operations												•												
2.18.8	Sports and Entertainment Administration								•																
2.18.9	Sports Equipment Specialist												•												
2.19	**Applied Arts - Social Services**																								
2.19.1	Activation Co-ordinator									•	•														
2.19.2	Behavioural Science									•															
2.19.3	Behavioural Science Technician					F					•						•			•					
2.19.4	Behavioural Science Technology																			•					
2.19.5	Community Worker										•														
2.19.6	Counsellor - Employment																								
2.19.7	Family Violence - Counsellor and Advocate										•														
2.19.8	Human Services Administration																								
2.19.9	Intervenor for Deaf - Blind Persons										•														
2.19.10	Mental Health Worker							•										•			•				
2.19.11	Rehabilitation Worker												•												
2.19.12	Sign Language Communicator																		•				•		

Legend

- • : Program is offered at the college indicated. Call the college for details.
- A : Program is also offered in French.
- B : Program is bilingual.
- P : Program is possible.
- F : Program is offered in French only.
- ☐ : Co-op program.

		Algonquin (Ottawa)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	La Cité collégiale (Ottawa)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Toronto)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland)	Northern (South Porcupine)	St. Clair (Windsor)	St. Lawrence (Kingston)	Sault (Sault Ste. Marie)	Seneca (Toronto)	Sheridan (Oakville)	Sir Sandford Fleming (Peterborough)
2.19.13	Sign Language Interpreter																		•				•	
2.19.14	Social Science Research																							
2.19.15	Social Science Research - Advanced																							
2.19.16	Social Service Worker	•	B	•	•	F	•	•		•			•	•	•	•	•	•		•		•	•	•
2.20	**Business - Accounting/Financing**																							
2.20.1	Accounting Clerk - Microcomputer				•																	•		
2.20.2	Business - Accounting	•	A	•	•	F		•	•		•	•	•		•			•	•	•	•	•	•	
2.20.3	Business - Finance																							
2.20.4	Business Administration - Accounting	•	A	•		F		•	•		•	•	•		•			•	•	•	•	•	•	•
2.20.5	Business Administration - Finance	•				F																	•	
2.20.6	Insurance	•								•	•					•								
2.20.7	Investment Sales Assistant										•													
2.21	**Business - Aviation Management**																							
2.21.1	Air Carrier/Airport Management							•																
2.21.2	Air Carrier/Airport Management Technology											•												
2.21.3	Civil Aviation - Air Traffic Services											•												
2.22	**Business - Computer**																							
2.22.1	Business - Information Systems	•			•	F			•		•		•		•	•		•	•				•	
2.22.2	Business Administration - Accountant/Programmer Analyst																							
2.22.3	Business Administration - Information Systems					F			•		•		•		•		•	•	•	•		•		•
2.22.4	Business Technology - Information/Communication Systems																			•				
2.22.5	Computer Operator	•				F																		
2.22.6	Computer Programmer				•	F				•	•	•	•	•			•					•	•	
2.22.7	Computer Programmer Analyst			•			•					•									•	•	•	
2.22.8	Microcomputer Management			•				•																
2.22.9	Small Business - Office Automation														•									
2.23	**Business - Culinary Arts**																							
2.23.1	Chef Training	•									•		•								•			
2.23.2	Culinary Management	•		•				•			•	•	•											
2.24	**Business - Government/Real Estate**																							
2.24.1	Assessment and Appraisal														•					•				
2.24.2	Goverment Administration																					•		
2.24.3	Municipal Administration and Assessment									•														
2.24.4	Public Administration		F																					
2.26	**Business - Hospitality Management**																							
2.26.1	Flight Services																					•		
2.26.2	Food and Beverage Management							•			•								•		•			•
2.26.3	Food and Beverage Service												•											
2.26.4	Food Service Supervisor			•	•																			•
2.26.5	Hospitality Administration and Services				•																			
2.26.6	Hotel and Restaurant Administration			•								•	•											
2.26.7	Hotel and Restaurant Management	•	A	•		F		•			•	•	•							•	•			
2.27	**Business - Human Resources/Industrial Relations**																							
2.27.1	Business - Human Resources							•	•		•									•			•	
2.27.2	Business Administration - Human Resources Management	•							•											•			•	•
2.27.3	Industrial Relations							•																
2.28	**Business - Legal**																							
2.28.1	Legal Administration								•															
2.28.2	Legal Assistant	•	•	•	•	F							•			•			•	•		•		•

Legend

- • : Program is offered at the college indicated. Call the college for details.
- A : Program is also offered in French.
- B : Program is bilingual.
- P : Program is possible.
- F : Program is offered in French only.
- ☐ : Co-op program.

		Algonquin (Ottawa)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	La Cité collégiale (Ottawa)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Toronto)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland)	Northern (South Porcupine)	St. Clair (Windsor)	St. Lawrence (Kingston)	Sault (Sault Ste. Marie)	Seneca (Toronto)	Sheridan (Oakville)	Sir Sandford Fleming (Peterborough)
2.28.3	Legal Technician - Civil/Techniques Juridiques - Civiles (Bilingual)		F																					
2.29	**Business - Management**																							
2.29.1	Business	•	•	•	•		•	•	•		•		•		•			•		•	•	•	•	•
2.29.2	Business - Distribution Management										•													
2.29.3	Business Administration	•	B	•		F	•		•			•	•		•	•		•	•	•		•	•	•
2.29.4	Business Administration - Operations Management								•															
2.29.5	International Business																					•		
2.29.6	Property Management										•										•	•		
2.29.7	Transportation and Distribution							•														•	•	
2.29.8	Transportation and Distribution Administration																						•	
2.30	**Business - Marketing/Retail Sales**																							
2.30.1	Business - Advertising																			•				
2.30.2	Business - Marketing	•	A		•	F			•		•	•	•		•			•	•	•		•	•	
2.30.3	Business - Retailing	•									•		•						•				•	
2.30.4	Business - Sales														•		•							
2.30.5	Business Administration - Automotive Marketing											B												
2.30.6	Business Administration - Marketing	•	•	•		F	•		•	•	•	•						•	•	•		•	•	•
2.30.7	Computer Sales and Marketing												•											
2.30.8	Fashion Merchandising				•				•			•					•			•		•		•
2.30.9	Fashion Sales																					•		
2.30.10	Parts Management and Merchandising							•		•						•								
2.30.11	Sales																				•			
2.31	**Business - Materials Management**																							
2.31.1	Business - Materials Management								•															
2.31.2	Business - Purchasing									•														
2.31.3	Materials Management						•																	•
2.32	**Business - Office Administration**																							
2.32.1	Office Administration - Executive	•	B	•	•	F		•	•		•		•	•	•	•		•	•	B	•	B	•	•
2.32.2	Office Administration - General	•	•	•	•	F		•	•	•	•	•	•	•	•	•	•	•	•	•			•	
2.32.3	Office Administration - Information Systems										•												•	
2.32.4	Office Administration - Word Processing			•					•				•						•					•
2.32.5	Office Systems - Administration				•		•								•									
2.32.6	Records and Information Management	•									•											•	•	
2.32.7	Records Operations	•																						
2.33	**Business - Office Administration (Health)**																							
2.33.1	Dental Office Administration										•						•							
2.33.2	Health Records Administration	•									•						•							
2.33.3	Health Records Technician	•						•		•	•													
2.33.4	Medical Transcriptionist - Health Records	•														•	•					•		
2.33.5	Office Administration - Medical	•	B	•	•	F		•	•		•	•	•	•		•			•	•		•	•	•
2.34	**Business - Office Administration (Legal)**																							
2.34.1	Court Reporting - Machine Shorthand										•													
2.34.2	Court Reporting - Stenomask										•													
2.34.3	Office Administration - Legal	•	•	•	•	F		•	•		•	•	•			•	•				•	•	•	•
2.35	**Business - Small Business**																							
2.35.1	Business Administration - Small Business Management			•							•											•		
2.35.2	Small Business		F					•										F						•
2.35.3	Small Business Management			•		F																•		
2.36	**Business - Travel/Tourism**																							
2.36.1	Tourism Management											•									•	•		•

Legend

- • : Program is offered at the college indicated. Call the college for details.
- A : Program is also offered in French.
- B : Program is bilingual.
- P : Program is possible.
- F : Program is offered in French only.
- ☐ : Co-op program.

		Algonquin (Ottawa)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	La Cité collégiale (Ottawa)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Toronto)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland)	Northern (South Porcupine)	St. Clair (Windsor)	St. Lawrence (Kingston)	Sault (Sault Ste. Marie)	Seneca (Toronto)	Sheridan (Oakville)	Sir Sandford Fleming (Peterborough)
2.36.2	Travel and Tourism	•			•	F		•		•			•		•	•	•		•			•	•	•
2.36.3	Travel Counsellor							•														F		
2.37	**Health - Animal Care**																							
2.37.1	Animal Care																			•			•	
2.37.2	Equine Studies												•											
2.37.3	Equine Studies - Horse Care and Equine Skills												•											
2.37.4	Horse Industry Management												•											
2.37.5	Veterinary Technician																		•			•		
2.37.6	Veterinary Technology																			•				
2.38	**Health - Health Technology**																							
2.38.1	Chiropody										•													
2.38.2	Dental Assistant	•	A	B		F		•	•	•	•	•					•		•			•		
2.38.3	Dental Hygiene	•	B	•		F		•	•	•	•	•					•		•			•		
2.38.4	Dental Technology										•													
2.38.5	Denture Therapy										•													
2.38.6	Medical Laboratory Technology	•	•	•		F				•				•		•			•	•				
2.38.7	Ophthalmic Dispenser											•												
2.38.8	Orthotic/Prosthetic Technician										•													
2.38.9	Pharmacy Assistant	•	A										•						•					
2.38.10	Radiography		B					•		•						•								
2.38.11	Respiratory Therapy	•		•		F				•														
2.38.12	Sterile Supply Processing				•																			
2.39	**Health - Miscellaneous**																							
2.39.1	Ambulance and Emergency Care	•	A		•	F	•			•			•				•		•					
2.39.2	Funeral Service Education												•											
2.39.3	Sports Injury Management																						•	
2.40	**Health - Nursing Related**																							
2.40.1	Community Gerontology							•																
2.40.2	Nursing	•	A	B	•	F	•	•	•	•	•	•	•	•	•	•	•	B	•	•	•	•	•	•
2.40.3	Nursing Assistant	•	B	•	•	F	•	•	•	•	•	•	•	•	•	•	•	B	•	•	•		•	•
2.40.4	Support Care										•													
2.41	**Technology - Architectural**																							
2.41.1	Architectural Technician	•			•	F		•		•	•		•		•			B					•	
2.41.2	Architectural Technology	•			☐	F		•			•				•			B	•				•	
2.42	**Technology - Automotive**																							
2.42.1	Heavy Equipment Technician																						•	
2.42.2	Motive Power Technician				•					•									•					•
2.42.3	Motive Power Techniques - Heavy Equipment							•																
2.42.4	Motive Power Techniques - Small Powered Equipment							•													•			
2.43	**Technology - Aviation (Flight)**																							
2.43.1	Aviation Flight Technology							•													•	•		
2.44	**Technology - Aviation (Maintenance)**																							
2.44.1	Aviation Engineering Technician							•																
2.44.2	Aviation Engineering Technology							•	•															
2.44.3	Aviation Technician - Aircraft Maintenance			•	•			•																
2.44.4	Aviation Technician - Avionics Maintenance			•	•																			
2.45	**Technology - Chemical/Biology**																							
2.45.1	Chemical Engineering Technician		•		•								•	•	•	•						•	•	
2.45.2	Chemical Engineering Technology	•	A		☐				•				•	☐	•	☐			•			•	•	
2.45.3	Laboratory Assistant				•																			

Legend

- • : Program is offered at the college indicated. Call the college for details.
- A : Program is also offered in French.
- B : Program is bilingual.
- P : Program is possible.
- F : Program is offered in French only.
- ☐ : Co-op program.

		Algonquin (Ottawa)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	La Cité collégiale (Ottawa)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Toronto)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland)	Northern (South Porcupine)	St. Clair (Windsor)	St. Lawrence (Kingston)	Sault (Sault Ste. Marie)	Seneca (Toronto)	Sheridan (Oakville)	Sir Sandford Fleming (Peterborough)
2.45.4	Metallurgical Engineering Technician		•																					
2.45.5	Metallurgical Engineering Technology		•																					
2.45.6	Pulp and Paper Engineering Techniques																							
2.45.7	Pulp and Paper Engineering Technology																							
2.46	**Technology - Civil**																							
2.46.1	Civil Engineering Technician		•	•	•				•		•	•	•		•			•				•	•	
2.46.2	Civil Engineering Technology		•				•		•		•	•			•			•	•	•		•	•	
2.46.3	Construction Engineering Technician	•	F	•		F		•		•	•				•				•		•			
2.46.4	Construction Engineering Technology	•	F			F	•				•						•					•		
2.46.5	Construction Trades Techniques									•														
2.46.6	Geographic Information Systems Technician	•																						•
2.46.7	Geographic Information Systems Technology	•																						•
2.46.8	Survey Technician	•										•			•			•						•
2.46.9	Survey Technology	•																•						
2.47	**Technology - Drafting**																							
2.47.1	Design Arts - Industrial											•												
2.47.2	Design Arts - Industrial Design											•												
2.47.3	Drafting Technician	•		•			•				•		•	•							•		•	
2.47.4	Drafting Techniques							•																
2.47.5	Industrial Design												•											
2.48	**Technology - Electronics**																							
2.48.1	Computer Engineering Technician																							
2.48.2	Computer Engineering Technology					F							•					•		•	•			
2.48.3	Computer Systems Technician	•				F							•									•		
2.48.4	Computer Systems Technology																						•	
2.48.5	Electrical Engineering Technician						•	•			•	•	•			•	•	•			•			•
2.48.6	Electrical Engineering Technology							•			•	•						•			•			•
2.48.7	Electrical Techniques																							
2.48.8	Electronics Engineering Technician		A	•	•	F	•	•	•		•	•			•	•	•	F	•	•	•	•	•	•
2.48.9	Electronics Engineering Technology		A			F			•		•	•	•		•		•	F	•	•	•	•	•	•
2.48.10	Electronics Servicing Techniques							•		•														
2.49	**Technology - Furniture/Wood Products**																							
2.49.1	Carpentry and Millwork - Heritage	•																						
2.49.2	Furniture Products Techniques																		•					
2.49.3	Furniture Technician										•								•					
2.49.4	Manufacturing Techniques - Wood Products							•																
2.49.5	Maufacturing Technician - Wood Products																							
2.50	**Technology - Geology/Mining**																							
2.50.1	Geological Engineering Technician		•																		•			•
2.50.2	Geological Engineering Technology		•																					•
2.50.3	Mining and Mineral Processing		•																					
2.50.4	Mining Engineering Technician		•															•						
2.50.5	Mining Engineering Technology		•															•						
2.51	**Technology - Industrial**																							
2.51.1	Industrial Egineering Technician						•		•			•				•	•							
2.51.2	Industrial Engineering Technology	•																						
2.51.3	Industrial Engineering Technology - Management																							
2.51.4	Safety Engineering Technology												•											
2.52	**Technology - Machining**																							
2.52.1	Machine Shop							•											•		•	•		

Legend

- • : Program is offered at the college indicated. Call the college for details.
- A : Program is also offered in French.
- B : Program is bilingual.
- P : Program is possible.
- F : Program is offered in French only.
- ☐ : Co-op program.

		Algonquin (Ottawa)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	La Cité collégiale (Ottawa)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Toronto)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland)	Northern (South Porcupine)	St. Clair (Windsor)	St. Lawrence (Kingston)	Sault (Sault Ste. Marie)	Seneca (Toronto)	Sheridan (Oakville)	Sir Sandford Fleming (Peterborough)
2.52.2	Mechanical Engineering Technician - Tool and Machine Design	•		•	•	F	•				•	•	•						•		•			•
2.52.3	Mechanical Engineering Technology - Tool and Machine Design															•								
2.53	**Technology - Marine**																							
2.53.1	Marina Techniques																							•
2.53.2	Marina Technology											•												•
2.53.3	Marina Technology - Navigation											•												
2.53.4	Marine Engineering Technology											•								•				
2.53.5	Underwater Skills																					•		
2.54	**Technology - Mechanical**																							
2.54.1	Electro-Mechanical Engineering Technician	•		•									•											•
2.54.2	Electro-Mechanical Engineering Technology												•											•
2.54.3	Heating, Air Conditioning and Refrigeration Technician	•								•	•		•						•					
2.54.4	Heating, Air Conditioning and Refrigeration Techniques							•																
2.54.5	Heating, Air Conditioning and Refrigeration Technology										•													
2.54.6	Manufacturing Engineering Technician									•			•											•
2.54.7	Manufacturing Engineering Technology	•																						•
2.54.8	Mechanical Engineering Technician				•			•			•	•		•	•	•		B	•		•	•	•	
2.54.9	Mechanical Engineering Technology	•				F			•			•			•	•		B	•		•	•	•	
2.54.10	Mechanical Techniques							•																
2.55	**Technology - Miscellaneous**																							
2.55.1	Fire Protection Technician	•																			•			
2.55.2	Fire Protection Technology																				•			
2.55.3	Packaging Design												•											
2.55.4	Packaging Management and Technology																							
2.55.5	Piano Technician										•													
2.56	**Technology - Power**																							
2.56.1	Stationary Engineering		•					•			•					•	•		•					
2.57	**Technology - Process Control**																							
2.57.1	Instrumentation Engineering Technician				•			•			•		•	•		•		•		•				
2.57.2	Instrumentation Engineering Techniques													•										
2.57.3	Instrumentation Engineering Technology		•								•									•				
2.58	**Technology - Resources**																							
2.58.1	Aquaculture Technician																							•
2.58.2	Environmental Pest Management																							•
2.58.3	Fish and Wildlife Technology		F																					•
2.58.4	Fish and Wildlife Technician		F																					•
2.58.5	Forest Management Technology																							•
2.58.6	Forestry Technician	•	F			F															•			
2.58.7	Forestry Technology		F																					•
2.58.8	Meteorlogical Technician																							•
2.58.9	Meteorlogical Technology																							
2.58.10	Parks and Forest Recreation Technology																							•
2.58.11	Resources Technician - Drilling																							•
2.58.12	Resources/Environmental Technician			•	•	F									•							•		•
2.58.13	Resources/Environmental Technology			•								•	•		•						•	•		•
2.58.14	Taxidermy																							
2.59	**Technology - Welding**																							
2.59.1	Welding Engineering Technician						•				•							B						
2.59.2	Welding Engineering Technology																	B						
2.59.3	Welding Techniques							•			•										•			

Index

How to Use the Chart of CAAT Programs

To find a subject in the chart:

1. Locate the desired program name in this alphabetical, corss-referenced index.
2. Note the code number which follows the program name.
3. turn back to the appropriate numerically coded listing in the chart (Pages 10 to 18).

For example, "Business Administration" and a cross-reference, "Administration, Business" are listed alphabetically in the index, each with the code number "2.29.3" This code number can be found in numerical sequence in the chart on page 15. It will be seen that "Business Administration" is offered at 17 of Ontario's colleges of applied arts and technology.

Accountant/Programmer Analyst - Business Administration 2.22.2
Accounting - Business 2.20.2
Accounting - Business Administration 2.20.4
Accounting Clerk - Microcomputer 2.20.1
Acoustics and Drywall Mechanic 1.2.3
Activation Co-ordinator 2.19.1
Administration - Arts 2.15.1
Administration - Law and Security 2.11.3
Administration - Office Systems 2.32.5
Administration and Assessment, Municipal 2.24.3
Administration and Services, Hospitality 2.26.5
Administration, Business 2.29.3
Administration, Business - Accountant/Programmer Analyst 2.22.2
Administration, Business - Accounting 2.20.4
Administration, Business - Automotive Marketing 2.30.5
Administration, Business - Finance 2.20.5
Administration, Business - Human Resources Management 2.27.2
Administration, Business - Marketing 2.30.6
Administration, Business - Operations Management 2.29.4
Administration, Business - Small Business Management 2.35.1
Administration, Dental Office 2.33.1
Administration, Goverment 2.24.2
Administration, Health Records 2.33.2
Administration, Hotel and Restaurant 2.26.6
Administration, Human Services 2.19.7
Administration, Legal 2.28.1
Administration, Office - Executive 2.32.1
Administration, Office - General 2.32.2
Administration, Office - Information Systems 2.32.3
Administration, Office - Legal 2.34.3
Administration, Office - Medical 2.33.5
Administration, Office - Word Processing 2.32.4
Administration, Public 2.24.4
Administration, Sports and Entertainment 2.18.8
Administration, Transportation and Distribution 2.29.8
Adults, Teachers of 2.7.6
Advertising 2.1.1
Advertising - Business 2.30.1
Advertising - Creative 2.1.3
Advertising and Graphic Design 2.1.2
Aide - Teacher 2.7.5
Air Carrier/Airport Management 2.21.1
Air Carrier/Airport Management Technology 2.21.2
Air Conditioning and Refrigeration 1.1.1
Air Conditioning, Heating and Refrigeration Technician 2.54.3
Air Conditioning, Heating and Refrigeration Techniques 2.54.4
Air Conditioning, Heating and Refrigeration Technology 2.54.5
Air Traffic Services - Civil Aviation 2.21.3
Air-Conditioning & Refrigeration Mechanic 1.1.37
Aircraft Maintenance - Aviation Technician 2.44.3
Aircraft Maintenance Engineer 1.2.1
Airport Management Technology/Air Carrier 2.21.2
Airport Management/Air Carrier 2.21.1
Alarm Security Techniques 2.11.5
Alcoholism Worker, Native 2.14.2
Alignment & Brakes Mechanic 1.1.2
Ambulance and Emergency Care 2.39.1
Analyst - Computer Programmer 2.22.7
Analyst, Accountant/Programmer - Business Administration 2.22.2
Animal Care 2.37.1
Animation 2.13.1
Animation - Television 2.13.2
Apparatus and Electric Motor Rewinding 1.2.4
Apparel Manufacturing Management 2.8.2
Appliance Repair - Electrician 1.2.5
Applied Arts - Advertising and Design 2.1
Applied Arts - Art 2.2
Applied Arts - Child/Youth Worker 2.3
Applied Arts - Community Planning 2.4
Applied Arts - Crafts 2.5
Applied Arts - Developmental Services Worker 2.6
Applied Arts - Education 2.7
Applied Arts - Fashion 2.8
Applied Arts - Graphic Arts\Printing 2.9
Applied Arts - Landscape and Horticulture 2.10
Applied Arts - Law and Security 2.11
Applied Arts - Library 2.12
Applied Arts - Media 2.13
Applied Arts - Native Community Worker 2.14
Applied Arts - Performing Arts 2.15
Applied Arts - Preparatory/Upgrading 2.16
Applied Arts - Public Relations 2.17
Applied Arts - Recreation/Fitness 2.18
Applied Arts - Social Services 2.19
Appraisal and Assessment 2.24.1
Apprenticeships, Regulated 1.1
Aquaculture Technician 2.58.1
Arboriculture Urban 2.10.6
Architectural Technician 2.41.1
Architectural Technology 2.41.2
Art Conservation Techniques 2.2.1
Art Fundamentals 2.2.2
Arts - Jewellery 2.5.4
Arts - Media 2.13.9
Arts - Theatre 2.15.4
Arts Administration 2.15.1
Arts Merchandising, Visual 2.1.6
Arts and General Science 2.16.2
Arts, Fashion 2.8.5
Arts, Fashion - Modelling Fashion 2.8.6
Arts, Fine and Crafts 2.2.3
Arts, Fine and Crafts - Advanced 2.2.4
Arts, Music Industry 2.13.10
Assessment and Administration, Municipal 2.24.3
Assessment and Appraisal 2.24.1
Assistant - Educational 2.7.3
Audio-Visual Technician 2.13.3
Auto Body Repairer 1.1.3
Automotive Machinist 1.1.4
Automotive Marketing - Business Administration 2.30.5
Automotive Painter 1.1.5
Aviation Engineering Technician 2.44.1
Aviation Engineering Technology 2.44.2
Aviation Flight Technology 2.43.1
Aviation Technician - Aircraft Maintenance 2.44.3
Aviation Technician - Avionics Maintenance 2.44.4
Aviation, Civil - Air Traffic Services 2.21.3
Avionics Maintenance - Aviation Technician 2.44.4
Baker 1.1.6
Band Management 2.14.1
Barber/Hairstylist 1.1.7
Behavioural Science 2.19.2
Behavioural Science Technology 2.19.3
Beverage and Food Management 2.26.2
Blind/Deaf Persons, Intervenor for 2.19.8
Boilermaker, Construction 1.1.10
Book and Magazine Publishing 2.13.4
Brakes & Alignment Mechanic 1.1.2
Brick & Stone Mason 1.1.8
Broadcasting Radio and Television 2.13.5
Broadcasting and Print Journalism 2.13.8
Building System Technician 1.2.2
Business 2.29.1
Business - Accounting 2.20.2
Business - Accounting/Financing 2.20
Business - Advertising 2.30.1
Business - Aviation Management 2.21
Business - Computer 2.22
Business - Culinary Arts 2.23
Business - Distribution Management 2.29.2
Business - Finance 2.20.3
Business - Government/Real Estate 2.24
Business - Hospitality Management 2.26
Business - Human Resources 2.27.1
Business - Human Resources/Industrial Relations 2.27
Business - Information Systems 2.22.1
Business - International 2.29.5

Business - Legal 2.28
Business - Management 2.29
Business - Marketing 2.30.2
Business - Marketing/Retail Sales 2.30
Business - Materials Management 2.31
Business - Materials Management 2.31.1
Business - Office Administration 2.32
Business - Office Administration (Health) 2.33
Business - Office Administration (Legal) 2.34
Business - Purchasing 2.31.2
Business - Retailing 2.30.3
Business - Sales 2.30.4
Business - Small Business 2.35
Business - Travel/Tourism 2.36
Business Administration 2.29.3
Business Administration - Accountant/Programmer Analyst 2.22.2
Business Administration - Accounting 2.20.4
Business Administration - Automotive Marketing 2.30.5
Business Administration - Finance 2.20.5
Business Administration - Human Resources Management 2.27.2
Business Administration - Information Systems 2.22.3
Business Administration - Marketing 2.30.6
Business Administration - Operations Management 2.29.4
Business Administration - Small Business Management 2.35.1
Business Management, Small 2.35.3
Business Management, Small - Business Administration 2.35.1
Business Technology - Information/Communication Systems 2.22.4
Business, Small 2.35.2
Business, Small - Office Automation 2.22.9
Carpenter, General 1.1.9
Carpentry and Millwork - Heritage 2.49.1
Ceramics 2.5.1
Ceramics - Advanced 2.5.2
Chef Training 2.23.1
Chemical Engineering Technician 2.45.1
Chemical Engineering Technology 2.45.2
Child and Family, Worker - Native 2.14.3
Child and Youth Worker 2.3.1
Childhood Education, Early 2.7.2
Chiropody 2.38.1
Civil Aviation - Air Traffic Services 2.21.3
Civil Engineering Technician 2.46.1
Civil Engineering Technology 2.46.2
Clerk, Accounting - Microcomputer 2.20.1
Coaching Techniques 2.18.1
College Vocational 2.16.1
Communicator, Sign Language 2.19.11
Community Gerontology 2.40.1
Community Planning 2.4.1
Community Worker 2.19.4
Community Worker, Native 2.14.4
Computer Engineering Technician 2.48.1
Computer Engineering Technology 2.48.2
Computer Operator 2.22.5
Computer Programmer 2.22.6
Computer Programmer Analyst 2.22.7
Computer Sales and Marketing 2.30.7
Computer Systems Technician 2.48.3
Computer Systems Technology 2.48.4
Conservation Techniques - Art 2.2.1
Construction & & Maintenance Electrician 1.1.12
Construction Boilermaker 1.1.10
Construction Engineering Technician 2.46.3
Construction Engineering Technology 2.46.4
(Construction/Industrial) Millwright 1.2.13
Construction Trades Techniques 2.46.5
Cook 1.1.11
Correctional Worker 2.11.1
Cosmetic Sales 2.8.1
Cosmetic Techniques 2.8.3
Counsellor - Employment 2.19.5
Counsellor and Advocate - Family Violence 2.19.6
Counsellor, Travel 2.36.3
Court Reporting - Machine Shorthand 2.34.1
Court Reporting - Stenomask 2.34.2
Crafts and Fine Arts 2.2.3
Crafts and Fine Arts - Crafts 2.2.4
Creative Advertising 2.1.3
Culinary Management 2.23.2
Cutter, Meat, Retail 1.2.21
Day Care Assistant 2.7.1
Deaf/Blind Persons, Intervenor for 2.19.8
Decorator & Painter 1.1.32
Dental Assistant 2.38.2
Dental Hygiene 2.38.3
Dental Office Administration 2.33.1
Dental Technology 2.38.4
Denture Therapy 2.38.5
Design (Graphic) Fundamentals 2.1.4
Design - Interior 2.1.5
Design - Urban 2.4.2
Design Arts - Industrial 2.47.1
Design Arts - Industrial Design 2.47.2
Design and Fashion Technique 2.8.7
Design, Graphic Sign and Production 2.9.2
Design, Graphic and Advertising 2.1.2
Design, Industrial 2.47.5
Design, Industrial - Design Arts 2.47.2
Design, Packaging 2.55.3
Design, Security Systems and Implementation 2.11.6
Developmental Services Worker 2.6.1
Dispenser, Ophthalmic 2.38.7
Distribution Management - Business 2.29.2
Distribution and Transportation 2.29.7
Distribution and Transportation Administration 2.29.8
Drafting Technician 2.47.3
Drafting Techniques 2.47.4
Driller, Water Well 1.2.25
Drywall and Acoustics Mechanic 1.2.3
Early Childhood Education 2.7.2
Education, Early Childhood 2.7.2
Education, Funeral Service 2.39.2
Educational Assistant 2.7.3
Educational Resources and Special Needs 2.7.4
Egineering Technician - Industrial 2.51.1
Electric Motor and Apparatus Rewinding 1.2.4
Electrical & Fuel Systems Mechanic 1.1.15
Electrical - Mechanic Instrument 1.2.11
Electrical Engineering Technician 2.48.5
Electrical Engineering Technology 2.48.6
Electrical Industrial Technician (Gen) 1.2.8
Electrical Techniques 2.48.7
Electrician (Construction & Maintenance) 1.1.12
Electrician - Appliance Repair 1.2.5
Electrician, Industrial 1.1.22
Electro-Mechanical Engineering Technician 2.54.1
Electro-Mechanical Engineering Technology 2.54.2
Electronic Controls, Industrial 1.2.9
Electronics Engineering Technician 2.48.8
Electronics Engineering Technology 2.48.9
Electronics Servicing Techniques 2.48.10
Emergency and Ambulance Care 2.39.1
Employment Counsellor 2.19.5
Engine Mechanic, Marine & Small 1.1.28
Engineer, Aircraft Maintenance 1.2.1
Engineer, Hoisting 1.1.20
Engineering - Stationary 2.56.1
Engineering Technician - Aviation 2.44.1
Engineering Technician - Chemical 2.45.1
Engineering Technician - Civil 2.46.1
Engineering Technician - Construction 2.46.3
Engineering Technician - Electrical 2.48.5
Engineering Technician - Electro-Mechanical 2.54.1
Engineering Technician - Electronics 2.48.8
Engineering Technician - Geological 2.50.1
Engineering Technician - Instrumentation 2.57.1
Engineering Technician - Manufacturing 2.54.6
Engineering Technician - Mechanical 2.54.8
Engineering Technician - Metallurgical 2.45.4
Engineering Technician - Mining 2.50.4
Engineering Technician - Welding 2.59.1
Engineering Technician, Computer 2.48.1
Engineering Techniques - Instrumentation 2.57.2
Engineering Techniques - Pulp and Paper 2.45.6
Engineering Technology - Aviation 2.44.2
Engineering Technology - Civil 2.46.2
Engineering Technology - Computer 2.48.2
Engineering Technology - Construction 2.46.4
Engineering Technology - Electrical 2.48.6
Engineering Technology - Electro-Mechanical 2.54.2
Engineering Technology - Electronics 2.48.9
Engineering Technology - Geological 2.50.2
Engineering Technology - Industrial 2.51.2
Engineering Technology - Manufacturing 2.54.7
Engineering Technology - Marine 2.53.4

Engineering Technology - Mechanical 2.54.9
Engineering Technology - Metallurgical 2.45.5
Engineering Technology - Mining 2.50.5
Engineering Technology - Pulp and Paper 2.45.7
Engineering Technology - Safety 2.51.4
Engineering Technology - Welding 2.59.2
Engineering Technology, Chemical 2.45.2
Entertainment and Sports Administration 2.18.8
Environmental Pest Management 2.58.2
Environmental/Resources Technician 2.58.12
Environmental/Resources Technology 2.58.13
Equine Skills and Horse Care - Equine Studies 2.37.3
Equine Studies 2.37.2
Equine Studies - Horse Care and Equine Skills 2.37.3
Equipment Mechanic, Farm 1.1.13
Equipment Mechanic, Heavy Duty 1.1.19
Equipment Specialist - Sports 2.18.9
Equipment Technician, Office 1.2.15
Equipment, Small Powered - Motive Power Techniques 2.42.4
Esthetician 2.8.4
Executive Office Administration 2.32.1
Fabrication, Precision Sheet Metal 1.2.18
Fabricator, Precision Metal 1.1.34
Fabricator, Welder 1.2.26
Family Violence - Counsellor and Advocate 2.19.6
Farm Equipment Mechanic 1.1.13
Fashion Arts 2.8.5
Fashion Arts - Modelling and Fashion 2.8.6
Fashion Merchandising 2.30.8
Fashion Sales 2.30.9
Fashion Technique and Design 2.8.7
Fence Installer 1.2.6
Film Production 2.13.7
Film and Television Production 2.13.6
Finance - Business 2.20.3
Finance - Business Administration 2.20.5
Fine Arts and Crafts 2.2.3
Fine Arts and Crafts - Advanced 2.2.4
Fire Protection & Sprinkler Installer 1.1.39
Fire Protection Technician 2.55.1
Fire Protection Technology 2.55.2
Fish and Wildlife Technician 2.58.3
Fish and Wildlife Technology 2.58.4
Fitness Management 2.18.3
Fitness and Health Promotion 2.18.2
Fitter - Structural Steel Platework 1.1.14
Fitter Welder 1.2.7
Fitter, Steam 1.1.40
Flight Services 2.26.1
Floriculture Retail 2.10.4
Florist Retail 2.10.5
Food Service Supervisor 2.26.4
Food and Beverage Management 2.26.2
Food and Beverage Service 2.26.3
Forest Management Technology 2.58.5
Forestry Technician 2.58.6
Forestry Technology 2.58.7
Fuel & Electrical Systems Mechanic 1.1.15
Funeral Service Education 2.39.2
Furniture Products Techniques 2.49.2
Furniture Technician 2.49.3
Gemmology 2.5.3
General Arts and Science - Advanced 2.16.3
General Arts and Science 2.16.2
General Carpenter 1.1.9
General Machinist 1.1.16
General Machinist 1.1.27
General Office Administration 2.32.2
General Vocational Preparation 2.16.4
Geographic Information Systems Technician 2.46.6
Geographic Information Systems Technology 2.46.7
Geological Engineering Technician 2.50.1
Geological Engineering Technology 2.50.2
Gerontology, Community 2.40.1
Glazier & Metal Mechanic 1.1.17
Goverment Administration 2.24.2
Graphic Arts (Reproduction) - Production Co-Ordinator 2.9.1
Graphic Arts Reproduction - Production Co-Ordinator 2.9.1
Graphic Design Fundamentals 2.1.4
Graphic Design and Advertising 2.1.2
Graphic Design and Sign Production 2.9.2
Graphic Sign Design and Production 2.9.2
Hairdresser/Hairstylist 1.1.18
Hairstylist/Barber 1.1.7
Hairstylist/Hairdresser 1.1.18
Health (Mental) Worker 2.19.9
Health - Animal Care 2.37
Health - Health Technology 2.38
Health - Miscellaneous 2.39
Health - Nursing Related 2.40
Health Records - Medical Transcriptionist 2.33.4
Health Records Administration 2.33.2
Health Records Technician 2.33.3
Health and Fitness Promotion 2.18.2
Heating, Air Conditioning and Refrigeration Technician 2.54.3
Heating, Air Conditioning and Refrigeration Techniques 2.54.4
Heating, Air Conditioning and Refrigeration Technology 2.54.5
Heavy Duty Equipment Mechanic 1.1.19
Heavy Equipment - Motive Power Techniques 2.42.3
Heavy Equipment Technician 2.42.1
Heritage Carpentry and and Millwork 2.49.1
Hoisting Engineer 1.1.20
Horse Care and Equine Skills - Equine Studies 2.37.3
Horse Industry Management 2.37.4
Horticultural and Landscape Technician 2.10.1
Horticultural and Landscape Techniques 2.10.2
Horticultural and Landscape Technology 2.10.3
Horticulturist 1.1.21
Hospitality Administration and Services 2.26.5
Hotel and Restaurant Administration 2.26.6
Hotel and Restaurant Management 2.26.7
Human Resources - Business 2.27.1
Human Resources Management - Business Administration 2.27.2
Human Services Administration 2.19.7
Hygiene, Dental 2.38.3
Industrial Design 2.47.5
Industrial Design - Design Arts 2.47.2
Industrial Design Arts 2.47.1
Industrial Egineering Technician 2.51.1
Industrial Electrical Technician (Gen) 1.2.8
Industrial Electrician 1.1.22
Industrial Electronic Controls 1.2.9
Industrial Engineering Technology 2.51.2
Industrial Engineering Technology - Management 2.51.3
Industrial Maintenance Mechanic 1.2.10
Industrial Mechanic Millwright 1.1.23
Industrial Relations 2.27.3
Industrial Woodworker 1.1.24
Industrial)/(Construction/ Millwright 1.2.13
Information Systems - Business 2.22.1
Information Systems - Business Administration 2.22.3
Information Systems - Office Administration 2.32.3
Information Technician (Library) 2.12.1
Information and Records Management 2.32.6
Information/Communication Systems - Business Technology 2.22.4
Installer, Fence 1.2.6
Installer, Sprinkler & Fire Protection 1.1.39
Instrument Electrical Mechanic 1.2.11
Instrument Mechanic 1.2.12
Instrumentation Engineering Technician 2.57.1
Instrumentation Engineering Techniques 2.57.2
Instrumentation Engineering Technology 2.57.3
Instrumentation Technology - Engineering 2.57.3
Insurance 2.20.6
Interior Design 2.1.5
International Business 2.29.5
Interpreter - Sign Language 2.19.12
Intervenor for Deaf - Blind Persons 2.19.8
Investment Sales Assistant 2.20.7
Ironworker 1.1.25
Jewellery Arts 2.5.4
Jewellery Repair 2.5.5
Journalism - Print and Broadcasting 2.13.8
Juridiques - Civiles (Bilingual)
Legal Technician - Civil/Techniques 2.28.3
Laboratory Assistant 2.45.3
Laboratory, Photographic - Operator 2.13.11
Landscape and Horticultural Technician 2.10.1
Landscape and Horticultural Techniques 2.10.2
Landscape and Horticultural Technology 2.10.3
Lather 1.1.26
Law and Security - Basic 2.11.2
Law and Security Administration 2.11.3
Leadership, Recreation 2.18.5
Legal Administration 2.28.1
Legal Assistant 2.28.2

Legal Office Administration 2.34.3
Legal Technician - Civil/Techniques Juridiques - Civiles (Bilingual) 2.28.3
Library and Information Technician 2.12.1
Machine Shop 2.52.1
Machine Shorthand - Court Reporting 2.34.1
Machinist General 1.1.16
Machinist, Automotive 1.1.4
Machinist, General 1.1.27
Magazine and Book Publishing 2.13.4
Maintenance & Construction & Electrician 1.1.12
Maintenance Engineer, Aircraft 1.2.1
Maintenance, Industrial - Mechanic 1.2.10
Management - Industrial Engineering Technology 2.51.3
Management Technology, Airport/Air Carrier 2.21.2
Management and Technology, Packaging 2.55.4
Management, Airport/Air Carrier 2.21.1
Management, Apparel Manufacturing 2.8.2
Management, Culinary 2.23.2
Management, Distribution - Business 2.29.2
Management, Fitness 2.18.3
Management, Food and Beverage 2.26.2
Management, Horse Industry 2.37.4
Management, Hotel and Restaurant 2.26.7
Management, Human Resources - Business Administration 2.27.2
Management, Materials 2.31.3
Management, Microcomputer 2.22.8
Management, Operations - Business Administration 2.29.4
Management, Property 2.29.6
Management, Records and Information 2.32.6
Management, Recreational Marine 2.18.6
Management, Small Business 2.35.3
Management, Small Business - Business Administration 2.35.1
Management, Sports Injury 2.39.3
Management, Textile Technology 2.55.6
Management, Tourism 2.36.1
Manufacturing Engineering Technician 2.54.6
Manufacturing Engineering Technology 2.54.7
Manufacturing Management - Apparel 2.8.2
Manufacturing Techniques - Wood Products 2.49.4
Marina Techniques 2.53.1
Marina Technology 2.53.2
Marina Technology - Navigation 2.53.3
Marine Engineering Technology 2.53.4
Marine Management - Recreational 2.18.6
Marine and Small Engine Mechanic 1.1.28
Marketing - Business 2.30.2
Marketing - Business Administration 2.30.6
Marketing - Computer Sales 2.30.7
Marketing, Automotive - Business Administration 2.30.5
Mason, Brick & Stone 1.1.6
Materials Management 2.31.3
Materials Management - Business 2.31.1
Maufacturing Technician - Wood Products 2.49.5
Meat Cutter, Retail 1.2.21
Mechanic - Drywall and Acoustics 1.2.3
Mechanic - Industrial Maintenance 1.2.10
Mechanic - Instrument 1.2.12
Mechanic - Marine and Small Engine 1.1.28
Mechanic - Recreational Vehicle 1.2.19
Mechanic - Tire Wheel and Rim 1.2.23
Mechanic, Air-Conditioning & Mechanic 1.1.37
Mechanic, Alignment & Brakes 1.1.2
Mechanic, Brakes & Alignment 1.1.2
Mechanic, Farm Equipment 1.1.13
Mechanic, Fuel & Electrical Systems 1.1.15
Mechanic, Glazier & Metal 1.1.17
Mechanic, Heavy Duty Equipment 1.1.19
Mechanic, Motor Vehicle 1.1.29
Mechanic, Motorcycle 1.1.30
Mechanic, Plastics 1.2.17
Mechanic, Refrigeration & Air-Conditioning 1.1.37
Mechanic, Transmission 1.1.42
Mechanical Engineering Technician 2.54.8
Mechanical Engineering Technician - Tool and Machine Design 2.52.2
Mechanical Engineering Technology 2.54.9
Mechanical Engineering Technology - Tool and Machine Design 2.52.3
Mechanical Techniques 2.54.10
Media Arts 2.13.9
Medical Laboratory Technology 2.38.6
Medical Office Administration 2.33.5
Medical Transcriptionist - Health Records 2.33.4
Medical, Transcriptionist - Health Records 2.33.4
Mental Health Worker 2.19.9
Merchandising - Fashion 2.30.8
Merchandising - Parts 1.2.16
Merchandising - Recreational 2.30.11
Merchandising and Parts Management 2.30.10
Merchandising, Visual Arts 2.1.6
Metal & Glazier Mechanic 1.1.17
Metal Fabrication, Sheet Precision 1.2.18
Metal Fabricator, Precision 1.1.34
Metal Worker, Sheet 1.1.38
Metallurgical Engineering Technician 2.45.4
Metallurgical Engineering Technology 2.45.5
Meteorlogical Technician 2.58.8
Meteorlogical Technology 2.58.9
(Microcomputer) Accounting Clerk 2.20.1
Microcomputer Management 2.22.8
Millwork and Carpentry and - Heritage 2.49.1
Millwright (Construction/Industrial) 1.2.13
Millwright, Industrial Mechanic 1.1.23
Mining Engineering Technician 2.50.4
Mining Engineering Technology 2.50.5
Mining and Mineral Processing 2.50.3
Modelling and Fashion (Fashion Arts) 2.8.6
Motive Power Technician 2.42.2
Motive Power Techniques - Heavy Equipment 2.42.3
Motive Power Techniques - Small Powered Equipment 2.42.4
Motor Vehicle Mechanic 1.1.29
Motorcycle Mechanic 1.1.30
Mould Maker 1.1.31
Moving and Storage 1.2.14
Municipal Administration and Assessment 2.24.3
Museum Technology 2.2.5
Music 2.15.2
Music Industry Arts 2.13.10
Music Theatre - Performance 2.15.3
Native Alcoholism Worker 2.14.2
Native Child and Family Worker 2.14.3
Native Community Worker 2.14.4
Native Recreation Worker 2.14.5
Navigation - Marina Technology 2.53.3
Nursing 2.40.2
Nursing Assistant 2.40.3
Office Administration - Executive 2.32.1
Office Administration - General 2.32.2
Office Administration - Information Systems 2.32.3
Office Administration - Legal 2.34.3
Office Administration - Medical 2.33.5
Office Administration - Word Processing 2.32.4
Office Administration, Dental 2.33.1
Office Automation - Small Business 2.22.9
Office Equipment Technician 1.2.15
Office Systems - Administration 2.32.5
Operations Management - Business Administration 2.29.4
Operations, Records 2.32.7
Operator, Photographic Laboratory 2.13.11
Ophthalmic Dispenser 2.38.7
Orthotic/Prosthetic Technician 2.38.8
Other Apprenticeships 1.2
Packaging Design 2.55.3
Packaging Management and Technology 2.55.4
Painter & Decorator 1.1.32
Painter, Automotive 1.1.5
Parks Operation and Services - Recreation 2.18.4
Parks and Forest Recreation Technology 2.58.10
Parts Management and Merchandising 2.30.10
Parts Merchandising 1.2.16
Performance, Music Theatre 2.15.3
Pest Management - Environmental 2.58.2
Pharmacy Assistant 2.38.9
Photographic Laboratory Operator 2.13.11
Photography 2.13.12
Photography - Advanced 2.13.13
Photojournalism 2.13.14
Piano Technician 2.55.5
Planning - Community 2.4.1
Plastics Mechanic 1.2.17
Plumber 1.1.33
Pre-Health Science 2.16.5
Precision Metal Fabricator 1.1.34
Precision Sheet Metal Fabrication 1.2.18
Preparatory Health Sciences 2.16.6
Print and Broadcasting Journalism 2.13.8
Printer 1.1.35
Printing Technician 2.9.3
Printing Technology 2.9.4
Processing, Mineral and Mining 2.50.3

Processing, Sterile Supply 2.38.12
Production - Film and Television 2.13.6
Production Co-Ordinator - Graphic Arts Reproduction 2.9.1
Production, Film 2.13.7
Production, Graphic Sign Production and 2.9.2
Programmer - Computer 2.22.6
Programmer/Accountant Analyst - Business Administration 2.22.2
Property Management 2.29.6
Prosthetic/Orthotic Technician 2.38.8
Protective Security 2.11.4
Public Administration 2.24.4
Public Relations 2.17.1
Publishing - Book and Magazine 2.13.4
Publishing - Magazine and Book 2.13.4
Pulp and Paper Engineering Techniques 2.45.6
Pulp and Paper Engineering Technology 2.45.7
Purchasing - Business 2.31.2
Radio & Television Tn 1.1.36
Radio and Television Broadcasting 2.13.5
Radiography 2.38.10
Records Operations 2.32.7
Records Technician (Health) 2.33.3
Records and Information Management 2.32.6
Recreation - Parks Operation and Services 2.18.4
Recreation Leadership 2.18.5
Recreation Worker, Native 2.14.5
Recreational Marine Management 2.18.6
Recreational Merchandising 2.30.11
Recreational Vehicle Mechanic 1.2.19
Refrigeration & Air-Conditioning Mechanic 1.1.37
Refrigeration and Air Conditioning 1.1.1
Refrigeration, Heating and Air Conditioning Technician 2.54.3
Refrigeration, Heating and Air Conditioning Techniques 2.54.4
Refrigeration, Heating and Air Conditioning Technology 2.54.5
Rehabilitation Worker 2.19.10
Reinforcing Steel Worker 1.2.20
Repair, Appliance - Electrician 1.2.5
Repairer, Auto Body 1.1.3
Repairer, Coach & Truck 1.2.24
Repairer, Truck & Coach 1.2.24
Repairer, Truck/Trailer 1.1.43
Reporting, Court - Machine Shorthand 2.34.1
Reporting, Court - Stenomask 2.34.2
Resources Technician - Drilling 2.58.11
Resources/Environmental Technician 2.58.12
Resources/Environmental Technology 2.58.13
Respiratory Therapy 2.38.11
Restaurant and Hotel Administration 2.26.6
Restaurant and Hotel Management 2.26.7
Retail Floriculture 2.10.4
Retail Florist 2.10.5
Retail Meat Cutter 1.2.21
Retailing - Business 2.30.3
Rewinding, Electric and Motor Apparatus 1.2.4
Rim and Tire Wheel Mechanic 1.2.23
Roofer 1.2.22
Safety Engineering Technology 2.51.4
Sales 2.30.12
Sales - Business 2.30.4
Sales Assistant, Investment 2.20.7
Sales, Computer and Marketing 2.30.7
Sales, Cosmetic 2.8.1
Sales, Fashion 2.30.9
Science - Behavioural 2.19.2
Science and Arts, General - Advanced 2.16.3
Science and General Arts 2.16.2
Science, Behavioural - Technology 2.19.3
Science, Pre-Health 2.16.5
Sciences - Preparatory Health 2.16.6
Security Alarm Techniques 2.11.5
Security Systems Implementation and Design 2.11.6
Security and Law - Basic 2.11.2
Security and Law Administration 2.11.3
Security, Protective 2.11.4
Services Worker, Developmental 2.6.1
Sheet Metal Worker 1.1.38
Shorthand, Machine - Court Reporting 2.34.1
Sign Design, Graphic and Production 2.9.2
Sign Language Communicator 2.19.11
Sign Language Interpreter 2.19.12
Ski Area Operations 2.18.7
Small Business 2.35.2
Small Business - Office Automation 2.22.9
Small Business Management 2.35.3
Small Business Management - Business Administration 2.35.1
Small Powered Equipment - Motive Power Techniques 2.42.4
Special Needs and Educational Resources 2.7.4
Sports Equipment Specialist 2.18.9
Sports Injury Management 2.39.3
Sports and Entertainment Administration 2.18.8
Sprinkler & Fire Protection Installer 1.1.39
Stationary Engineering 2.56.1
Steam Fitter 1.1.40
Steel Worker, Reinforcing 1.2.20
Stenomask - Court Reporting 2.34.2
Sterile Supply Processing 2.38.12
Stone & Brick Mason 1.1.8
Storage and Moving 1.2.14
Structural Steel Platework - Fitter 1.1.14
Supervisor, Food Service 2.26.4
Supply Processing, Sterile 2.38.12
Support Care 2.40.4
Survey Technician 2.46.8
Survey Technology 2.46.9
Systems Technician - Geographic Information 2.46.6
Systems, Business - Information 2.22.1
Systems, Computer Technology 2.48.4
Taxidermy 2.58.14
Teacher Aide 2.7.5
Teachers of Adults 2.7.6
Technical Writer 2.13.15
Technician (Gen) - Industrial Electrical 1.2.8
Technician, Maufacturing - Wood Products 2.49.5
Technician, Aquaculture 2.58.1
Technician, Architectural 2.41.1
Technician, Audio-Visual 2.13.3
Technician, Aviation - Aircraft Maintenance 2.44.3
Technician, Aviation - Avionics Maintenance 2.44.4
Technician, Aviation Engineering 2.44.1
Technician, Building System 1.2.2
Technician, Chemical Engineering 2.45.1
Technician, Civil Engineering 2.46.1
Technician, Computer Engineering 2.48.1
Technician, Computer Systems 2.48.3
Technician, Construction Engineering 2.46.3
Technician, Drafting 2.47.3
Technician, Electrical Engineering 2.48.5
Technician, Electro-Mechanical Engineering 2.54.1
Technician, Electronics Engineering 2.48.8
Technician, Fire Protection 2.55.1
Technician, Fish and Wildlife 2.58.3
Technician, Forestry 2.58.6
Technician, Furniture 2.49.3
Technician, Geographic Information Systems 2.46.6
Technician, Geological Engineering 2.50.1
Technician, Health Records 2.33.3
Technician, Heavy Equipment 2.42.1
Technician, Industrial Egineering 2.51.1
Technician, Instrumentation Engineering 2.57.1
Technician, Landscape and Horticultural 2.10.1
Technician, Legal - Civil/Techniques - Civiles (Bilingual) 2.28.3
Technician, Library and Information 2.12.1
Technician, Manufacturing Engineering 2.54.6
Technician, Mechanical Engineering 2.54.8
Technician, Mechanical Engineering - Tool and Design 2.52.2
Technician, Metallurgical Engineering 2.45.4
Technician, Meteorlogical 2.58.8
Technician, Mining Engineering 2.50.4
Technician, Motive Power 2.42.2
Technician, Office Equipment 1.2.15
Technician, Orthotic/Prosthetic 2.38.8
Technician, Piano 2.55.5
Technician, Printing 2.9.3
Technician, Resources/Environmental 2.58.12
Technician, Survey 2.46.8
Technician, Veterinary 2.37.5
Technician, Welding Engineering 2.59.1
Techniques, Construction Trades 2.46.5
Techniques, Drafting 2.47.4
Techniques, Electrical 2.48.7
Techniques, Landscape and Horticultural 2.10.2
Techniques, Motive Power - Heavy Equipment 2.42.3
Techniques, Motive Power - Small Powered Equipment 2.42.4
Technology - Architectural 2.41
Technology - Automotive 2.42
Technology - Aviation (Flight) 2.43
Technology - Aviation (Maintenence) 2.44
Technology - Chemical/Biology 2.45
Technology - Civil 2.46
Technology - Drafting 2.47
Technology - Electronics 2.48
Technology - Furniture/Wood Products 2.49
Technology - Geology/Mining 2.50

Technology - Heating, Air Conditioning, Refrigeration 2.54.5
Technology - Industrial 2.51
Technology - Machining 2.52
Technology - Marine 2.53
Technology - Mechanical 2.54
Technology - Miscellaneous 2.55
Technology - Power 2.56
Technology - Process Control 2.57
Technology - Resources 2.58
Technology - Welding 2.59
Technology and Management, Packaging 2.55.4
Technology, Airport Management/Air Carrier 2.21.2
Technology, Architectural 2.41.2
Technology, Aviation Engineering 2.44.2
Technology, Aviation Flight 2.43.1
Technology, Behavioural Science 2.19.3
Technology, Chemical Engineering 2.45.2
Technology, Civil Engineering 2.46.2
Technology, Computer Engineering 2.48.2
Technology, Construction Engineering 2.46.4
Technology, Dental 2.38.4
Technology, Electrical Engineering 2.48.6
Technology, Electro-Mechanical Engineering 2.54.2
Technology, Electronics Engineering 2.48.9
Technology, Engineering - Pulp and Paper 2.45.7
Technology, Engineering Instrumentation 2.57.3
Technology, Fire Protection 2.55.2
Technology, Fish and Wildlife 2.58.4
Technology, Forest Management 2.58.5
Technology, Forestry 2.58.7
Technology, Geographic Information Systems 2.46.7
Technology, Geological Engineering 2.50.2
Technology, Industrial Engineering 2.51.2
Technology, Industrial Engineering - Management 2.51.3
Technology, Landscape and Horticultural 2.10.3
Technology, Manufacturing Engineering 2.54.7
Technology, Marina 2.53.2
Technology, Marine Engineering 2.53.4
Technology, Mechanical Engineering 2.54.9
Technology, Mechanical Engineering - Tool and Machine Design 2.52.3
Technology, Medical Laboratory 2.38.6
Technology, Metallurgical Engineering 2.45.5
Technology, Meteorlogical 2.58.9
Technology, Mining Engineering 2.50.5
Technology, Museum 2.2.5
Technology, Parks and Forest Recreation 2.58.10
Technology, Resources/Environmental 2.58.13
Technology, Safety Engineering 2.51.4
Technology, Survey 2.46.9
Technology, Veterinary 2.37.6
Technology, Welding Engineering 2.59.2
Television Animation 2.13.2
Television & Radio Tn 1.1.36
Television and Film Production 2.13.6
Television and Radio Broadcasting 2.13.5
Textile Technology Management 2.55.6
Theatre (Music) - Performance 2.15.3
Theatre Arts 2.15.4
Tire Wheel and Rim Mechanic 1.2.23
Tn, Radio & Television 1.1.36
Tn, Television & Radio 1.1.36
Tool & Die Maker 1.1.41
Tool and Machine Design - Mechanical Engineering Technician 2.52.2
Tool and Machine Design - Mechanical Engineering Technology 2.52.3
Tourism Management 2.36.1
Tourism and Travel 2.36.2
Trailer/Truck Repairer 1.1.43
Transmission Mechanic 1.1.42
Transportation and Distribution 2.29.7
Transportation and Distribution Administration 2.29.8
Travel Counsellor 2.36.3
Travel and Tourism 2.36.2
Truck & Coach Repairer 1.2.24
Truck/Trailer Repairer 1.1.43
Underwater Skills 2.53.5
Urban - Design 2.4.2
Urban Arboriculture 2.10.6
Veterinary Technician 2.37.5
Veterinary Technology 2.37.6
Visual Merchandising Arts 2.1.8
Water Well Driller 1.2.25
Welder - Fitter 1.2.7
Welder Fabricator 1.2.26
Welding Engineering Technician 2.59.1
Welding Engineering Technology 2.59.2
Welding Techniques 2.59.3
Well Driller, Water 1.2.25
Wildlife and Fish Technician 2.58.3
Wildlife and Fish Technology 2.58.4
Wood Products - Manufacturing Techniques 2.49.4
Wood Products - Maufacturing Technician 2.49.5
Woodworker, Industrial 1.1.24
Word Processing - Office Administration 2.32.4
Writer - Technical 2.13.15
Youth and Child Worker 2.3.1

Algonquin College of Applied Arts and Technology

Ottawa

President: Philip T. Killeen

Enrolment 1990-91

Full-time enrolment	7 097
Part-time registrations	70 552

Campus Locations

Consult the college for information on the campus at which a program is being offered.

Woodroffe Campus
1385 Woodroffe Ave.
Nepean, Ontario
K2G 1V8

Rideau Campus
200 Lees Ave.
Ottawa, Ontario
K1S 0C5

Colonel By Campus
140 Main St.
Ottawa, Ontario
K1S 1C2

School of Renfrew County
315 Pembroke St. E.
Pembroke, Ontario
K8A 3K2

School of Lanark County
7 Craig St.
Perth, Ontario
K7H 1X7

General Admission Requirements

An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising - Creative (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Advertising and Graphic Design
(See Graphic Design)

Ambulance and Emergency Care (HS)
1-year certificate (3 semesters)
Additional requirements: A senior biology credit. Class F driver's license. Cardiopulmonary resuscitation capability (level C). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Animation - Television (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Architectural Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit.

Architectural Technician - Mechanical Systems (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit.

Architectural Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit.

Archives Technician (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Broadcasting - Radio (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Broadcasting - Television (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Building Operations Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior mathematics credits (Year 4).

Business (Bus)
2-year diploma (4 semesters)

Business - Accounting (Bus)
2-year diploma (4 semesters) (52 weeks, non-semestered)
Additional requirements: A senior mathematics credit (Year 4).

Business - Information Systems (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Business - Insurance (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Business - Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credits (Year 4).

Business - Retailing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credits(Year 4).

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration - Accounting (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Business Administration - Finance (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Business Administration - Human Resources Management (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Business Administration - Information Systems (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Business Administration - Materials Management (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Carpentry and Millwork - Heritage (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Chemical Engineering Technology (HS)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Chemical Technology - Biochemical (HS)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Chemical Technology - Bioengineering (HS)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

College Vocational (AA)
1-year certificate
Basic-level graduate accepted.

Computer Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Computer Operator (Bus)
1-year certificate (2 semesters)

Computer Programmer (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Computer Systems Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit.

Computer Technology - Computing Science (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Construction Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Construction Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Cook Training (Bus)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Correctional Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Cosmetic Sales (AA)
1-year diploma (2 semesters)

Culinary Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior biology credit. A senior chemistry credit. Selection criteria exist. Contact college for details.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Consult college calendar.
This program has limited enrolment.

Developmental Services Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Drafting Technician
(See Electro-Mechanical Engineering Technician)

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electro-Mechanical Engineering Technician - Drafting (Tech)
2-year diploma (4 semesters) (52 weeks, non-semestered)
Additional requirements: A senior mathematics for technology credit.

Electro-Mechanical Engineering Technician - Precision Instruments (Tech)
2-year diploma (4 semesters)(52 weeks, non-semestered)
Additional requirements: A senior mathematics for technology credit.

Electro-Mechanical Engineering Technician - Robotics (Tech)
2-year diploma (4 semesters)(64 weeks, non-semestered)
Additional requirements: A senior mathematics for technology credit (Year 4).
This is a continuous intake program - students may start any Monday.

Electronics Engineering Technician (Tech)
2-year diploma, co-op (4 semesters) (52 weeks, non-semestered)
Additional requirements: A senior mathematics for technology credit.

Electronics Engineering Technician - Digital (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit.

Electronics Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Fire Protection and Safety Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit. Selection criteria exist. Contact college for details.

Florist (AA)
1-year certificate (2 semesters)

Forestry Technician (Tech)
2-year diploma (4 semesters)

General Arts and Science (AA)
2-year diploma (4 semesters)

Geographic Information Systems Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit. Selection criteria exist. Contact college for details.

Geographic Information Systems Technologist (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit. Selection criteria exist. Contact college for details.

Graphic Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Graphics Technician - Printing (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit. Selection criteria exist. Contact college for details.

Health Records Administration (HS)
2-year diploma (5 semesters)
Additional requirements: A senior mathematics credit (Year 4). Either a senior biology, chemistry, or physics credit. Selection criteria exist. Contact college for details.

Health Records Technician (HS)
1-year certificate (3 semesters)
Additional requirements: A senior mathematics credits (Year 4). Either a senior biology, chemistry, or physics credit. Selection criteria exist. Contact college for details.

Heating, Refrigeration and Air Conditioning Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Horticulture and Landscaping Technician (AA)
2-year diploma (4 semesters)

Hotel and Restaurant Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Industrial Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Instrumentation Engineering Technician - Control Systems (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit.

Interior Design - Advanced (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Journalism - Print (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Landscape and Horticulture Technician
(See Horticulture and Landscaping Technician)

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Legal Assistant (Bus)
2-year diploma (4 semesters)

Library and Information Technician (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Manufacturing Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Masonry - Heritage and Traditional (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Mechanical Engineering Technician - Toolmaking (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit.

Mechanical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Medical Laboratory Technology (HS)
3-year diploma (7 semesters)
Additional requirements: At the advanced level: a senior mathematics credits (Year 4); a senior physics credit; and a senior

chemistry credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Medical Transcriptionist (Bus)
1-year certificate (2 semesters)
Additional requirements: Typing skill (40 words per minute).

Museum Technology (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: At the advanced level: a senior biology credit, and either a senior chemistry or physics credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (39 weeks)
Additional requirements: Either a senior biology, chemistry, or physics credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)

Office Administration - General (Bus)
1-year certificate (2 semesters)

Office Administration - Legal (Bus)
2-year diploma (4 semesters)

Office Administration - Medical (Bus)
2-year diploma (4 semesters)

Pharmacy Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior chemistry credit. One other senior science credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Photography (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Printing Technician
(See Graphics Technician - Printing)

Protective Security (AA)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Public Relations (AA)
2-year diploma (4 semesters)
Additional requirements: Typing skill (30 wpm). Selection criteria exist. Contact college for details.

Records and Information Management (Bus)
2-year diploma (4 semesters)

Records Operations (Bus)
1-year certificate (2 semesters)

Recreation Facilities Management (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment

Recreation Leadership (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Respiratory Therapy (HS)
3-year diploma (7 semesters)
Additional requirements: At the advanced level: a senior mathematics credits (Year 4); a senior physics credit; and a senior chemistry credit. Selection criteria exist. Contact college for details.

Security and Alarm Systems Technician (AA)
2-year diploma (4 semesters)

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Survey Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit.

Survey Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit.

Technical Writer (Tech)
3-year diploma (6 semesters)
Additional requirements: Consult college calendar.

Travel Counsellor (Bus)
2-year diploma (4 semesters)

Word Processing (Bus)
1-year certificate, co-op (2 semesters)
Additional requirements: Typing skill (40 wpm). Selection criteria exist. Contact college for details.

For Further Information
Algonquin College of Applied Arts and Technology
1385 Woodroffe Ave.
Ottawa, Ontario K2G 1V8
(613) 727-7603, 727-7606
Toll-free: 1-800-267-7061

Cambrian College of Applied Arts and Technology

Sudbury

President: Glenn N. Crombie

Enrolment 1990-91

Full-time enrolment	3 658
Part-time registrations	18 227

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Main Campus	Regent St. Campus
1400 Barrydowne Rd.	885 Regent St. S.
Sudbury, Ontario	Sudbury, Ontario
P3A 3V8	P3E 4T2

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising (AA)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits.

Ambulance and Emergency Care (HS)
1-year certificate (2 semesters)
Additional requirements:
Either two senior English or French credits. A senior biology credit. Either a senior chemistry or physics credit. Current first aid certificate (standard). Class "F" driver's license. Cardiopulmonary resuscitation capability (Basic Rescuer level). Selection criteria exist. Contact college for details.
This program is offered in English and in French. It has limited enrolment.

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior mathematics credits Two senior English credits.

Business - Accounting (Bus)
2-year diploma (4 semesters)
This program is offered in English and in French.

Business - Marketing (Bus)
2-year diploma (4 semesters)
This program is offered in English and in French.

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: Two senior mathematics credits. Two senior English or French credits.
This program is offered in English and in French.

Business Administration - Accounting (Bus)
3-year diploma (4 semesters)

Additional requirements: A senior mathematics credit. Either two senior English or French credits.
This program is offered in English and in French.

Business Administration - Information Systems (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior mathematics credits. Two senior English credits.

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: Two senior mathematics credits. Two senior English credits.

Chemical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits. Two senior mathematics credits. A senior chemistry credit. Selection criteria exist. Contact college for details.

Chemical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Either two senior English or French credits. Two senior mathematics credits. A senior chemistry credit. Selection criteria exist. Contact college for details.
This program is offered in English and in French.

Chemical Engineering Technology - Environmental (Tech)
3-year diploma (6 semesters)
Additional requirements: Either two senior English or French credits. Two senior mathematics credits. A senior chemistry credit. Selection criteria exist. Contact college for details.
This program is offered in English and in French.

Chemical Engineering Technology - Materials Science (Tech)
3-year diploma (6 semesters)
Additional requirements: Either two senior English or French credits. Two senior mathematics credits. A senior chemistry credit. Selection criteria exist. Contact college for details.
This program is offered in English and in French.

Chemical Engineering Technology - Waste Management (Tech)
3-year diploma (6 semesters)
Additional requirements: Either two senior English or French credits. Two senior mathematics credits. A senior chemistry credit. Selection criteria exist. Contact college for details.
This program is offered in English and in French.

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: Either two senior English or French credits. Selection criteria exist. Contact college for details.
This program is offered in English and in French. It has limited enrolment.

Civil Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits. One senior mathematics credit. Selection criteria exist. Contact college for details.

Civil Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits. Two senior mathematics credits. A senior physics credit.

College Vocational (AA)
2-year diploma (4 semesters)
Basic-level graduate accepted.
This program is offered in English and in French.

Construction Engineering Technician - Mining and Urban Structures (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior mathematics credits. Two senior French credits.
This program is offered only in French.

Construction Engineering Technology - Mining and Urban Structures (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior mathematics credits. Two senior French credits.
This program is offered only in French.

Correctional Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Either two senior English or French credits. Selection criteria exist. Contact college for details
This program is offered in English and in French.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: Either two senior English or French credits. A senior biology credit. Either a senior chemistry or physics credit. A typing credit. Selection criteria exist. Contact college for details.
This program is offered in English and in French. It has limited enrolment.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Please consult college calendar.
This program is offered in English and in French. It has limited enrolment.

Developmental Services Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Either two senior English or French credits. Selection criteria exist. Contact college for details.
This program is offered in English and in French.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Either two senior English or French credits. Selection criteria exist. Contact college for details.
This program is offered in English and in French. It has limited enrolment.

Early Childhood Education - Binoojiinyag Kinoomaadwin (AA)
2-year diploma (4 semesters)

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Either two senior English or two senior French credits. Two senior mathematics credits. Either a senior biology, chemistry, physics or technical credit.
This program is offered in English and in French.

Electronics Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Either two senior English or two senior French credits. Two senior mathematics credits. Either a senior biology or chemistry or physics credit.
This program is offered in English and in French.

Fine Arts and Crafts - Advanced
(See Fine Arts Technology - Arts)

Fine Arts Technology - Arts (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

First Nations Land Management (AA)
2-year diploma (4 semesters)

Fish and Wildlife Technician (Tech)
2-year diploma (4 semesters)
This program is offered only in French.

Fish and Wildlife Technology (Tech)
3-year diploma (6 semesters)
This program is offered only in French.

Forestry Technician (Tech)
2-year diploma (4 semesters)
This program is offered only in French.

Forestry Technology (Tech)
3-year diploma (6 semesters)
This program is offered only in French.

General Arts and Science (AA)
2-year diploma (4 semesters)
This program is offered in English and in French.

Geological Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits. One senior mathematics credit.

Geological Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits. Two senior mathematics credits. Either a senior physics or chemistry credit.

Geological Engineering Technology - Geophysics (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits. Two senior mathematics credits. Either a senior physics or a senior chemistry credit.

Horticulture Technician (AA)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits. Two senior mathematics credits. Selection criteria exist. Contact college for details

Hotel and Restaurant Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered in English and in French.

Instrumentation Engineering Technology - Industrial (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits. Two senior mathematics credits. Either a senior biology or chemistry or physics credit.

Journalism - Print (AA)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits.

Landscape and Horticulture Technician
(See Horticulture Technician)

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Either two senior English or French credits. Selection criteria exist. Contact college for details.
This program is offered in English and in French.

Legal Assistant (AA)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits.

Legal Technician - Civil (AA)
2-year diploma, co-op (3 semesters)
Additional requirements: Two senior French credits.
This program is offered only in French.

Medical Laboratory Technology (HS)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits. A senior chemistry credit. Either a senior biology or physics credit. A senior mathematics credit. One other mathematics credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Metallurgical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior mathematics credits. Two senior English credits. A senior chemistry credit. Selection criteria exist. Contact college for details.

Metallurgical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits. Two senior mathematics credits. A senior chemistry credit. Selection criteria exist. Contact college for details.

Mining and Mineral Processing (Tech)
1-year certificate (2 semesters)
Additional requirements: Two senior English credits. One senior mathematics credit.

Mining Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits. One senior mathematics credit. Selection criteria exist. Contact college for details.

Mining Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits. Two senior mathematics credits. Either a senior chemistry or physics credit. Selection criteria exist. Contact college for details.

Music - Performance (AA)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits. Selection criteria exist. Contact college for details.

Native Child and Family Worker (AA)
2-year diploma (5 semesters)

Native Community Care Counselling and Development (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: Either two senior English or French credits. A senior chemistry credit. A senior biology credit. A senior mathematics credit. Selection criteria exist. Contact college for details.
This program is offered in English and in French. It has limited enrolment.

Nursing Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: Either two senior English or French credits.
This program is offered in English and in French. It has limited enrolment.

Office Administration - Executive (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: Either a senior English or French credit. A senior mathematics credit.
This program is offered in English and in French.

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit. A senior mathematics credit.

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit. A senior mathematics credit.

Office Administration - Medical (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Either a senior English or French credit. A senior mathematics credit.
This program is offered in English and in French.

Office Systems Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior mathematics credits. Two senior English credits.

Pharmacy Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior mathematics credit. A senior chemistry credit. Either a senior biology or physics credit. Either two senior English or French credits. A typing credit. Selection criteria exist. Please contact college for details.
This program is offered in English and in French. It has limited enrolment.

Physical Fitness Management (AA)
3-year diploma, co-op (5 semesters)
Additional requirements: Two senior English credits. A senior mathematics credit. A senior physical education credit. Selection criteria exist. Please contact college for details

Public Administration (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior French credits.
This program is offered only in French.

Public Relations (AA)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits.

Radiography (HS)
2-year diploma (24 months)
Additional requirements: Either two senior English or French credits. Two senior mathematics credits. A senior physics credit. Either a senior biology or chemistry credit. Selection criteria exist. Contact college for details.
This program is offered in English and in French. It has limited enrolment.

Small Business Management (Bus)
1-year certificate (2 semesters)
This program is offered only in French.

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Either two senior English or French credits. Selection criteria exist. Contact college for details
This program is offered in English and in French.

Social Service Worker - Gerontology (AA)
2-year diploma (4 semesters)
Additional requirements: Either two senior English or French credits. Selection criteria exist. Contact college for details.
This program is offered in English and in French.

Stationary Engineering Technician - 3rd Class (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits.

For Further Information
Cambrian College of Applied Arts and Technology
1400 Barrydowne Rd.
Sudbury, Ontario P3A 3V8
(705) 566-8101, ext. 7503, 7544
Toll - free 1- 800-461-7145

Canadore College of Applied Arts and Technology

North Bay

President: Garth Jackson

Enrolment 1990-91

Full-time enrolment	2 396
Part-time registrations	7 219

Campus Locations
Consult the college for information on the campus at which a program is being offered.

College Education Centre
100 College Dr.
Box 5001
North Bay, Ont.
P1B 8K9

Heliport Campus
Box 5001
North Bay, Ontario
P1B 8K9

Sturgeon Falls Office
162 King St.
Sturgeon Falls, Ont.
P0H 2G0

Commerce Court Campus
60 Commerce Court
Box 5001
North Bay, Ontario
P1B 8G4

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising and Graphic Design
(See Graphic Communications)

Aviation Technician - Aircraft Maintenance (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit. A senior physics credit. Selection criteria exist. Contact college for details.

Aviation Technician - Avionics Maintenance (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit. A senior physics credit. Selection criteria exist. Contact college for details.

Broadcasting - Radio (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Broadcasting - Television (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).
This program is offered in English and bilingually.

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4).
This program is offered in English and bilingually.

Business Administration - Accounting (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4).

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4).

Business Administration - Small Business Management
(See Small Business Administration)

Civil Engineering Technician
(See Maintenance Management - Small Communities)

Civil Engineering Technician - Construction (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit. A senior physics credit.

College Vocational (AA)
2-year diploma (4 semesters) (54 weeks, non-semestered)
Basic-level graduate accepted.

Computer Programmer Analyst (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4).

Construction Engineering Technician
(See Civil Engineering Technician - Construction)

Culinary Arts - Italian (AA)
2-year diploma (4 semesters)

Culinary Management (AA)
2-year diploma (4 semesters)
This program is offered in English and bilingually.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior biology credit. Either a senior physics or chemistry credit. Selection criteria exist. Contact college for details.
This program is offered in English and bilingually.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements:
A senior biology credit. Either a senior physics or chemistry credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Drafting Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit and a senior physics credit.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electro-Mechanical Engineering Technician - Robotics (Tech)
2-year diploma (4 semesters) (64 weeks, non-semestered)
Additional requirements: A senior mathematics credit. A senior physics credit.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit. A senior physics credit.

Environmental Biology Technician (HS)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Environmental Biology Technology (HS)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Food Service Supervision (HS)
2-year diploma (4 semesters)
Additional requirements: A senior English credit.

General Arts and Science (AA)
2-year diploma (4 semesters)

Graphic Communications (AA)
2-year diploma (4 semesters)

Hotel, Resort and Restaurant Administration (AA)
3-year diploma (6 semesters)

Hotel, Resort and Restaurant Management (AA)
2-year diploma (4 semesters)
This program is offered in English and bilingually.

Journalism - Broadcast (AA)
2-year diploma (4 semesters)

Journalism - Print (AA)
2-year diploma (4 semesters)

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Legal Assistant (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Maintenance Management - Small Communities (Tech)
2-year diploma (4 semesters)

Mechanical Engineering Technician - Machine Shop Operations (Tech)
2-year diploma (4 semesters)

Mechanical Engineering Technician - Numerical Controls (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit. A senior physics credit. Selection criteria exist. Contact college for details.

Medical Laboratory Technology (HS)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Microcomputer Management (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior biology credit. Either a senior chemistry or physics credit. Selection criteria exist. Contact college for details.
This program is offered in English and bilingually. It has limited enrolment.

Nursing Assistant (HS)
1-year certificate (38 weeks)
Additional requirements:
A senior biology credit. Either a senior physics or chemistry credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).
This program is offered in English and bilingually.

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4).
This program is offered in English and bilingually.

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Word Processing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Recreation Leadership (AA)
2-year diploma (4 semesters)
This program has limited enrolment.

Resources/Environmental Technician
(See Environmental Biology Technician)

Resources/Environmental Technology
(See Environmental Biology Technology)

Respiratory Therapy (HS)
3-year diploma (6 semesters)
Additional requirements: A senior chemistry credit. A senior mathematics credit (Year 4). A senior physics credit.
This program has limited enrolment.

Small Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4)

Small Business Management (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Social Service Worker - Native (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).
This program has limited enrolment.

For Further Information

Canadore College of Applied Arts and Technology
100 College Dr.
Box 5001
North Bay, Ontario P1B 8K9
(705) 474-7600, ext. 123, 131, 132, 501, 509, 543
Toll-free: 1-800-461-7340 for all exchanges in Ontario and Northwestern Quebec.

Centennial College of Applied Arts and Technology

Scarborough

President: I. Bev McCauley

Enrolment 1990-91

Full-time	6 099
Part-time	44 458

Campus Locations
Consult the college calendar for information on the campus at which a program is being offered.

Warden Woods
651 Warden Ave.
Scarborough, Ontario

Ashtonbee
75 Ashtonbee Rd.
Scarborough, Ontario

East York
951 Carlaw Ave.
Toronto, Ontario

Progress
41 Progress Court
Scarborough, Ontario

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Accounting Clerk - Microcomputer (Bus)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Advertising - Creative (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Ambulance and Emergency Care (HS)
1-year certificate (2 semesters)
Additional requirements: A senior biology credit. One other senior science credit. A senior English credit (Year 4). Class 'F' driver's license. Standard First Aid Certificate. Cardiopulmonary resuscitation capability (Basic Rescuer level). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Architectural Technician - Drafting (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior mathematics for technology credits (one at Year 4). Either a senior physics or a senior chemistry credit (Year 4). Selection criteria exist. Contact college for details.

Architectural Technology (Tech)
3-year diploma co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior mathematics for technology credits (one at Year 4). Either a senior physics or a senior chemistry credit (Year 4). Selection criteria exist. Contact college for details.

Automotive Technician - Administration (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Automotive Technician - Technical (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Aviation Technician - Aircraft Maintenance (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior mathematics credits (one at Year 4). A senior physics credit. Selection criteria exist. Contact college for details.

Aviation Technician - Avionics Maintenance (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior mathematics for technology credits (one at Year 4). A senior physics credit. Selection criteria exist. Contact college for details.

Biological Technician - Industrial Microbiology (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior mathematics credits (one at Year 4). A senior chemistry credit (Year 4). Either a senior biology or physics credit. Selection criteria exist. Contact college for details.

Biological Technology - Industrial Microbiology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior mathematics credits (one at year 4). A senior chemistry credit (Year 4). Either a senior biology or physics credit. Selection criteria exist. Contact college for details.

Book and Magazine Publishing (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Broadcasting - Radio and Television (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Information Systems (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Accountant/ Programmer Analyst (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Accounting (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - International Business (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Marketing (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Operations Management (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Small Business Management
(See Small Business Administration)

Chemical Engineering Technician
(See Biological Technician - Industrial Microbiology)

Chemical Engineering Technology
(See Biological Technology - Industrial Microbiology)

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Civil Engineering Technician - Public Works (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technology - Public Works (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4).

Computer Programmer (Bus)
2-year diploma (4 semesters) (64 weeks, non-semestered)
Additional requirements: Selection criteria exist. Contact college for details.

Computer Programmer Analyst (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Computer Systems Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at year 4). Selection criteria exist. Contact college for details.

Corporate Communication (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Correctional Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Cosmetic Sales (AA)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Developmental Services Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology - Control Systems (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Environmental Protection Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior, other than business, mathematics credits (Year 4). Selection criteria exist. Contact college for details.

Fashion Merchandising - Fashion Apparel (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Fashion Merchandising - Home Furnishings (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Fluid Power Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). A senior physics credit.

Fluid Power Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). A senior physics credit.

Fluid Power Engineering Technology - Robotics (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). A senior physics credit. Selection criteria exist. Contact college for details.

Food Service Supervisor (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

General Arts and Science (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Hospitality and Tourism Administration (AA)
3-year diploma (12 quarters)
Additional requirements: Selection criteria exist. Contact college for details.

Interior Design
(See Fashion Merchandising - Home Furnishings)

Instrumentation Engineering Technician (Tech)
2-year diploma (64 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Instrumentation Engineering Technician - Process - Measurement and Control (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Journalism - Print (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Journalism - Print and Broadcasting
(See Corporate Communication)

Laboratory Assistant - Industrial (Tech)
1-year certificate (2 semesters)

Legal Assistant (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Mechanical Engineering Technician
(See Fluid Power Engineering Technician)

Mechanical Engineering Technician - Computer Aided Design and Manufacturing (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technician - Design (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior mathematics credits (one at Year 4). A senior physics credit.

Mechanical Engineering Technician - Industrial (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). A senior physics credit. Selection criteria exist. Contact college for details.

Mechanical Engineering Technology
(See Fluid Power Engineering Technology)

Mechanical Engineering Technology - Design (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). A senior physics credit.

Mechanical Engineering Technology - Industrial (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). A senior physics credit.

Metal Machining - Industrial Machinist (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4).

Selection criteria exist. Contact college for details.

Metal Machining - Mould Maker (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Metal Machining - Tool and Die Maker (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior, other than business, mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Motive Power Technician
(See Automotive Technician)

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior biology credit. Either a senior physics or chemistry credit. A senior mathematics credit (Year 4). A senior English credit (Year 4). Selection criteria exist. Contact college for details. This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (3 semesters)
Additional requirements: A senior biology credit. Either a senior physics or chemistry credit. A senior mathematics credit (Year 4). A senior English credit (Year 4). Selection criteria exist. Contact college for details. This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Systems Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Recreation Leadership (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Resources/Environmental Technician
(See Environmental Protection Technician)

Small Business Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Sterile Supply Processing (HS)
1-year certificate (1 semester)

Travel Counsellor (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

For Further Information
Centennial College of Applied Arts and Techology
41 Progress Court
P.O. Box 631, Station A
Scarborough, Ontario
M1K 5E9
(416) 698-4172
Toll-free: 1-800-268-4419

La Cité collégiale

Ottawa

President: André Lortie

Enrolment 1990-91

Full-time enrolments	2 171
Part-time registrations	1 755

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Cornwall Campus
111, chemin Montréal
Cornwall, Ontario
K6H 1E1
(613) 938-2483

Hawkesbury Campus
860 Aberdeen Rd.
Hawkesbury, Ontario
K6A 1K1
(613) 632-2483

Ottawa Campus
2465 Saint-Laurent Boulevard
Ottawa, Ontario
K1G 5H8
(613) 786-2400
1-800-267-2483

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising - Creative (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Advertising and Graphic Design
(See Graphic Design)

Ambulance and Emergency Care (HS)
1-year certificate (3 semesters)
Additional requirements: A senior biology credit. Class "F" driver's licence. Cardiopulmonary resuscitation capability (level C).
This program is offered only in French. It has limited enrolment.

Architectural Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Architectural Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Behavioural Science Technician (AA)
2-year diploma (4 semesters)
This program is offered only in French.

Broadcasting - Radio (AA)
2-year diploma (4 semesters)

Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Broadcasting - Television
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).
This program is offered only in French.

Business - Information Systems (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).
This program is offered only in French.

Business - Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (year 4).
This program is offered only in French.

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Business Administration - Accounting (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit(Year 4). This program is offered only in French.

Business Administration - Finance (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Business Administration - Information Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French. It has limited enrolment.

Computer Technology - Computing Science (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Computer Operator (Bus)
1-year certificate (2 semesters)
This program is offered only in French.

Computer Programmer (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Computer Systems Technician (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Construction Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (year 4).
This program is offered only in French.

Construction Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Correctional Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior biology credit. A senior chemistry credit. Selection criteria exist. Contact college for details.
This program is offered only in French.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French. It has limited enrolment.

Developmental Services Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French. It has limited enrolment.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Electronics Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Environmental Science Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). A senior chemistry credit (Year 4).
This program is only offered in French.

Florist (AA)
1-year certificate (36 weeks)
Basic level graduate accepted.
This program is offered only in French.

Forestry Technician (Tech)
2-year diploma (4 semesters)
This program is offered only in French.

General Arts and Science (AA)
2-year diploma (4 semesters)
This program is offered only in French.

Graphic Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Graphics Technician - Printing (AA)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for business credit.
This program is offered only in French.

Horticulture and Landscaping Technician (Tech)
2-year diploma (4 semesters)
This program is offered only in French.

Hotel and Restaurant Management (Bus)
2-year diploma (4 semesters)
This program is offered only in French.

Interior Design - Advanced (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Journalism - Print (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Legal Assistant (Bus)
2-year diploma (4 semesters)
This program is offered only in French.

Library and Information Technician (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Mechanical Engineering Technician - Toolmaking (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior basic-level mathematics credit (Year 4).
This program is offered only in French.

Mechanical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).
This program is offered only in French.

Medical Laboratory Technology (HS)
3-year diploma (6 semesters)
Additional requirements: Either a senior mathematics advanced (Year 4) or mathematics for technology credit (Year 4). A senior physics credit. A senior chemistry credit. Selection criteria exist. Contact college for details.
This program is offered only in French.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: At the advanced level: two senior credits in either physics, chemistry, or biology. Selection criteria exist. Contact college for details.
This program is offered only in French. It has limited enrolment.

Nursing Assistant (HS)
1-year certificate (38 weeks)
Additional requirements: One senior science credit in either physics, chemistry or biology.
This program is offered only in French. It has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
This program is offered only in French.

Office Administration - General (Bus)
1-year certificate (2 semesters)
This program is offered only in French.

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
This program is offered only in French.

Photography
(See Science Technician - Photographic)

Printing Technician
(See Graphics Technician - Printing)

Protective Security (AA)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Public Relations (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Recreation Leadership (AA)
2-year diploma (4 semesters)
This program is offered only in French.

Respiratory Therapy (HS)
3-year diploma (6 semesters)
Additional requirements: Either a senior mathematics advanced (Year 4) or mathematics for technology credit (Year 4). A senior physics credit. A senior chemistry credit. Selection criteria exist. Contact college for details.
This program is offered only in French.

Retail Florist
(See Florist)

Science Technician - Photographic (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Small Business Management (Bus)
2-year diploma (4 semesters)
This program is offered only in French.

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French. It has limited enrolment.

Social Work - Gerontology (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered only in French.

Travel Counsellor (Bus)
2-year diploma (4 semesters)
This program is offered only in French.

For Further Information
La Cité collégiale
2465 Saint-Laurent Boulevard
Ottawa, Ontario K1G 5H8
(613) 786-2400
1-800-267-2483

Conestoga College of Applied Arts and Technology

Waterloo

President: John W. Tibbits

Enrolment 1990-91

Full-time enrolment	3 433
Part-time	39 508

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Doon Campus
299 Doon Valley Dr.
Kitchener, Ontario
N2G 4M4
(519) 748-5220

Guelph Campus
460 Speedvale Ave. W.
Guelph, Ontario
N1H 6N3
(519)824-9390

Cambridge Campus
1425 Bishop St. N.
Cambridge, Ontario
N1R 6J9
(519) 623-4890

Stratford Campus
270 Water St.
Stratford, Ontario
N5A 6W3
(519) 271-5700

Waterloo Campus
435 King St. N.
Waterloo, Ontaio
N2J 2Z5
(519) 885-0300

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising and Graphic Design (AA)
(See Graphic Design and Advertising)

Ambulance and Emergency Care (HS)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior biology credit. Class "F" driver's licence. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Broadcasting - Radio and Television (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit. Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or business mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics

for technology or business mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a mathematics for technology or business mathematics credit (Year 4).

Civil Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Computer Programmer Analyst (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or business mathematics credit (Year 4).

Construction Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Electrical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Electronics Engineering Technology - Broadcast Systems (Tech)
3-year diploma co-op (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Electronics Engineering Technology - Computer Systems (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Electronics Engineering Technology - Telecommunications Systems (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Food and Beverage Management (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit.

General Arts and Science (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Graphic Design and Advertising (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Industrial Engineering Technician
(See Quality Assurance Technician)

Journalism - Print (AA)
2-year diploma (5 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Manufacturing Technician - Wood Products
(See Woodworking Technician)

Materials Management (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or business mathematics credit (Year 4).

Mechanical Engineering Technician - Computer Aided Drafting (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Mechanical Engineering Technician - Numerical Control (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Mechanical Engineering Technology - Automated Manufacturing (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Mechanical Engineering Technology - Design and Analysis (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Mechanical Engineering Technology - Robotics and Automation (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior biology credit. Either a senior physics or chemistry credit. Cardiopulmonary rescusitation (basic rescuer level). First Aid. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior biology credit. This program has limited enrolment.

Office Systems Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist.

Quality Assurance Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Recreation Leadership (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).
This program has limited enrolment.

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).
This program has limited enrolment.

Welding Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Woodworking Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics credit.

For Further Information

Conestoga College of Applied Arts and Technology
299 Doon Valley Dr.
Kitchener, Ontario N2G 4M4
(519) 748-3516

Confederation College of Applied Arts and Technology

Thunder Bay

President: Roy V. Murray

Enrolment 1990-91

Full-time	2 687
Part-time	16 053

Campus Locations
The main campus is situated in Thunder Bay. Off-campus locations in Thunder Bay house the aviation programs. Many postsecondary, adult training, and continuing education programs are offered at other campus locations, including Dryden, Kenora, Fort Frances, Geraldton, and Marathon.

Consult the college for information on the campus at which a program is being offered.

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Accounting and Finance Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Air Carrier/Airport Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Architectural Technician (Tech)
2-year diploma (4 semesters)

Architectural Technology - Design (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Arts Administration (AA)
2-year diploma (4 semesters)

Aviation (Manufacturing) Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Aviation (Manufacturing) Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Aviation - Flight Management (Tech)
3-year diploma (5 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Aviation Technician - Aircraft Maintenance (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics credits (one at Year 4).
Selection criteria exist. Contact college for details.

Band Management (Bus)
2-year diploma (4 semesters)

Broadcasting - Radio and Television (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Human Resources
(See Human Resources - Employment Equity and Personnel Management)

Business - Marketing (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Accounting
(See Accounting and Finance Administration)

Business Administration - Marketing (Bus)
3-year diploma co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Civil Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

College Vocational (AA)
1-year certificate (3 semesters)
Basic level graduate accepted.

Community Gerontology (HS)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Computer Programmer Analyst (Bus)
3-year diploma, co-op (5 semesters)
Additional requirements: Two senior mathematics credits (one at Year 4). Selection criteria exist. Contact college for details.

Construction Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Culinary Management (Bus)
2-year diploma (4 semesters)

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior chemistry credit. A senior biology credit. Selection criteria exist. Contact college for details.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Consult college calendar.
This program has limited enrolment.

Developmental Services Worker (AA)
2-year diploma (5 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Drafting Techniques (Tech)
1-year certificate (3 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electrical Engineering Technician (Tech)
2-year diploma (4 semesters) (64 weeks, non-semestered)
Additional requirements: Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Electrical Engineering Technology - Computer Control (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit. Selection criteria exist. Contact college for details.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters) (64 weeks, non-semestered)
Additional requirements: Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Electronics - Servicing Techniques (Tech)
1-year certificate (38 weeks)
Additional requirements: Two senior mathematics for technology credits (one at Year 4).

Entrepreneurship (Bus)
1-year certificate (2 semesters)

Additional requirements: Selection criteria exist. Contact college for details.

Film Production (AA)
2-year diploma (4 semesters)

General Arts and Science (AA)
2-year diploma (4 semesters)

General Vocational Preparation (AA)
1-year certificate (2 semesters)

Health Records Technician (HS)
2-year diploma (4 semesters)
This program has limited enrolment.

Heating, Air Conditioning and Refrigeration Technicians (Tech)
1-year certificate (3 semesters)

Hospitality and Tourism (Bus)
1-year certificate (2 semesters)

Hotel Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Human Resources - Employment Equity (Bus)
2-year diploma (4 semesters)

Industrial Mechanical Maintenance Techniques (Tech)
1-year certificate (38 weeks)
Additional requirements: Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Industrial Relations (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Industrial Woodworking Techniques (Tech)
1-year certificate (38 weeks)

Instrumentation Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Interior Design (AA)
2-year diploma (4 semesters)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Machine Shop
(See Machinist)

Machinist (Tech)
1-year certificate (3 semesters)
Additional requirements: A senior mathematics credit.

Manufacturing Techniques - Wood Products
(See Industrial Woodworking Techniques)

Mechanical Engineering Technician (Tech)
2-year diploma (4 semesters) (64 weeks, non-semestered)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Mechanical Techniques
(See Industrial Mechanical Maintenance Techniques)

Mental Health Worker
(See Native Mental Health Worker)

Microcomputer Management (Bus)
2-year diploma (64 weeks)

Motive Power Techniques - Heavy Equipment (Tech)
1-year certificate (38 weeks)

Motive Power Techniques - Small Powered Equipment (Tech)
1-year certificate (38 weeks)

Native Alcoholism Worker (AA)
1-year certificate (3 semesters)

Native Child and Family Worker (AA)
3-year diploma (6 semesters)

Native Mental Health Worker (AA)
2-year diploma (4 semesters)

Nursing (HS)
3-year diploma (7 semesters)
Additional requirements: Two senior English credits (one at Year 4). Year 2 mathematics. A senior chemistry credit. A senior biology credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (38 weeks)
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)

Office Administration - General (Bus)
1-year certificate (2 semesters)

Office Administration - Legal (Bus)
2-year diploma (4 semesters)

Office Administration - Medical (Bus)
2-year diploma (4 semesters)

Parts Management and Merchandising (Bus)
1-year certificate (2 semesters)

Personnel Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Photography (AA)
2-year diploma (4 semesters)

Pre-Technology (Tech)
1-year certificate (2 semesters)

Radiography (HS)
2-year diploma (6 semesters)
Additional requirements: At the advanced level: Two senior English credits (one at Year 4), two senior mathematics credits (one at Year 4), and a senior physics credit. Either a senior biology or chemistry credit. Two other science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Recreation Leadership (AA)
2-year diploma (4 semesters)
This program has limited enrolment.

Security Systems Implementation and Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Small Business
(See Entrepreneurship)

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Stationary Engineering - 3rd and 4th Class (Tech)
1-year certificate (2 semesters)

Teacher Aide (AA)
2-year diploma (4 semesters)

Transportation and Distribution (Bus)
2-year diploma (4 semesters)

Travel and Tourism Administration (Bus)
2-year diploma (4 semesters)

Travel Counsellor
(See Hospitality and Tourism)

Welding Techniques (Tech)
1-year certificate (38 weeks)

For Further Information

Confederation College of Applied Arts and Technology
P.O. Box 398, Station F
Thunder Bay, Ontario
P7C 4W1
(807) 475-6110
Toll-free: 1-800-465-5005 for Ontario, Manitoba, and Saskatchewan residents.

Durham College of Applied Arts and Technology

Oshawa

President: Gary Polonsky

Enrolment 1990-91

Full-time enrolment	2 789
Part-time registrations	21 314

Campus Locations
Durham's main campus is located in Oshawa; satellite campuses are located in Port Hope, Beaverton, Uxbridge, and Ajax.
Consult the college for information on the campus at which a program is being offered.

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Advertising and Graphic Design
(See Design Arts - Graphic Design)

Aviation Technology - Transport and Industrial (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Behavioural Science Technician
(See Human Services Counsellor)

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Human Resources (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Information Systems (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Materials Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Accounting (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Human Resources Management
(See Human Resources Management)

Business Administration - Information Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Production and Operations Management (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Chemical Engineering Technology
(See Chemical Technology - Food and Drug)

Chemical Technology - Food and Drug (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior chemistry credit and a senior biology credit. Selection criteria exist. Contact college for details.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Consult college calendar.
This program has limited enrolment.

Design Arts - Graphic Design (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design Arts - Interior (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technician - Computer Systems (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technician - Office Equipment (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology - Computer Systems (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology - Industrial (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Fashion Merchandising
(See Fashion Retail Administration)

Fashion Retail Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Food and Beverage Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

General Arts and Science (AA)
2-year diploma (4 semesters)

Human Resources Management (Bus)
3-year diploma (6 semesters)

Additional requirements: Selection criteria exist. Contact college for details.

Human Services Counsellor (AA)
2-year diploma (4 semesters)

Industrial Engineering Technology
(See Quality Engineering Technician)

Interior Design
(See Design Arts - Interior)

Journalism - Print (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Legal Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Mechanical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technology - Computer Aided Design and Manufacturing (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technology - Production (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior chemistry credit and a senior biology credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior biology credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Engineering (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - General (Bus)
1-year certificate (2 semesters)

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - Word Processing (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Public Relations (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Quality Engineering Technician (Tech)
2-year diploma (4 semesters) (52 weeks, non-semestered)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Recreation Leadership
(See Sports and Entertainment)

Sports and Entertainment (AA)
2-year diploma (4 semesters)

For Further Information
Durham College of Applied Arts and Technology
P.O. Box 385
2000 Simcoe St. N.
Oshawa, Ontario L1H 7L7
(416) 576-0210
Toll-free: 1-800-668-5843

Fanshawe College of Applied Arts and Technology

London

President: Dr. Barry Moore

Enrolment 1990-91

Full-time enrolment	3 428
Part-time registrations	27 038

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Oxford St. Campus
1460 Oxford St. E.
London, Ont.
N5W 5H1
(519) 452-4100

St. Thomas Campus
10 Ontario Rd.
St. Thomas, Ont.
N5P 3N4
(519) 633-2030

Woodstock Campus
369 Finkle St.
Woodstock, Ont.
N4V 1A3
(519) 421-0144

J.N. Allan Campus
Ireland Rd.
Simcoe, Ont.
N3Y 4K4
(519) 426-8260

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising Art (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Air Conditioning, Refrigeration Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (year 4). Selection criteria exist. Contact college for details.

Ambulance and Emergency Care (HS)
1-year certificate (3 semesters)
Additional requirements: A senior English credit (year 4). A senior biology credit. A senior chemistry credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Architectural Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Architectural Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Audio-visual Technician (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A credit in either communications, photography, or visual arts. Selection criteria exist. Contact college for details.

Behavioural Science
(See Human Services Foundation)

Broadcasting - Radio (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Broadcasting - Television (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Accounting (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Finance (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Information Systems (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Insurance (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Marketing (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Purchasing (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Accounting (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Information Systems
(See Information Systems)

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Chemical Engineering Technology
(See Science Laboratory Technology)

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Civil Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Computer Programmer (Bus)
2-year diploma (64 weeks, non-semestered)
Additional requirements: Selection criteria exist. Contact college for details.

Construction Carpentry Techniques (Tech)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Construction Engineering Technician - Supervisor (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Construction Engineering Technology - Management (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Control Engineering Technology - Systems (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: At the advanced level: a senior mathematics credit (Year 4). A senior physics credit (Year 4). Selection criteria exist. Contact college for details.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior biology credit. Either a senior chemistry or physics credit. A senior mathematics credit. Typing skill (30 words per minute). Selection criteria exist. Contact college for details.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Consult college calendar.
This program has limited enrolment.

Design - Fashion (AA)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design - Industrial (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design - Interior (AA)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design - Landscape (AA)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design - Urban (AA)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Developmental Services Worker (HS)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electrical Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electrical Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Consult college calendar.

Electronics Servicing Techniques (Tech)
1-year certificate (48 weeks, non-semestered)
Additional requirements: Selection criteria exist. Contact college for details.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: At the advanced level: a senior mathematics credit (Year 4). A senior physics credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Technician - Robotics and Process Control Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Environmental Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). A senior chemistry credit. Either a senior physics or a senior mathematics credit (Year 4), advanced level. Selection criteria exist. Contact college for details.

Fashion Arts
(See Design - Fashion)

Fashion Merchandising (Bus)
3-year diploma, co-op (6 semesters)

Additional requirements: Selection criteria exist. Contact college for details.

Fine Art (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Fine Arts and Crafts Advanced
(See Fine Art)

Fitness Instructor
(See Fitness and Health Promotion)

Fitness and Health Promotion (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

General Arts and Science (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Health Records Technician (HS)
1-year certificate (3 semesters)
Additional requirements: A senior science credit. A senior English credit (Year 4). Either a senior mathematics or accounting credit. Keyboard skill test (35 words per minute). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Hotel and Restaurant Management (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Human Services Foundation (AA)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Information Systems (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Instrumentation Engineering Technology
(See Control Engineering Technology)

Interior Design
(See Design - Interior)

Journalism - Broadcast (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Landscape and Horticultural Technology
(See Design - Landscape)

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Legal Assistant (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Library and Information Technician (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Manufacturing Engineering Technician (Tech)
2-year diploma, co-op (4 semesters) (64 weeks, non-semestered)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Manufacturing Engineering Technician - Design (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Manufacturing Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technology - Mobile Equipment (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Medical Laboratory Technology (HS)
3-year diploma (7 semesters)
Additional requirements: At the advanced level: a senior English credit (Year 4); a senior mathematics credit (Year 4); a senior chemistry credit;. a senior biology credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Metallurgical Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Motive Power Technician - Automotive (Tech)
2-year diploma (4 semesters)
Additional requirements:
A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Motive Power Technician - Diesel (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Motive Power Technician - Parts Merchandising (Tech)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Municipal Administration and Assessment (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Music Industry Arts - Recorded Music Production (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Music Industry Arts - Recording Engineering (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior biology credit. Either a senior physics or chemistry credit. A senior mathematics credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (36 weeks)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - General (Bus)
1-year certificate (2 semesters) (32 weeks, non-semestered)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - Legal (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - Medical (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Parts Management and Merchandising
(See Motive Power Technician - Parts Merchandising)

Photography (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Photography - Advanced (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Pre-health Science (HS)
1-year certificate (2 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Preparatory Health Sciences
(See Pre-health Science)

Radiography (HS)
2-year diploma (6 semesters)
Additional requirements: At the advanced level: two senior mathematics credits (one at Year 4); two senior English credits (one at Year 4); a senior physics credit; either a senior chemistry or biology credit; two other senior science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Recreation Leadership (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Resources/Environmental Technology
(See Environmental Technology)

Respiratory Therapy (HS)
2-year diploma (6 semesters)
Additional requirements: At the advanced level: a senior physics credit; a senior chemistry credit; a senior mathematics credit (Year 4). A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Science Laboratory Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). A senior chemistry credit. Either a senior physics or a senior mathematics credit (Year 4); advanced level. Selection criteria exist. Contact college for details.

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Survey Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Tourism and Travel Counsellor (Bus)
2-year diploma (3 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

For Further Information
Fanshawe College of Applied Arts and Technology
1460 Oxford St. E.
London, Ontario N5W 5H1
(519) 452-4100

George Brown College of Applied Arts and Technology

Toronto

President: John Rankin

Enrolment 1990-91

Full-time enrolment	6 597
Part-time registrations	60 391

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Casa Loma Campus
160 Kendal Ave.
Toronto, Ont.
M5R 1M3

Nightingale Campus
2 Murray St.
Toronto, Ont.
M5T 1T6

Kensington Campus
21 Nassau St.
Toronto, Ont.
M5T 1M3

St. James Campus
200 King St. E.
Toronto, Ont.
M5A 3W8

Continuing Education
200 King St. E.
Toronto, Ontario
M5A 3W8

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Activation Co-ordinator (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Advertising and Graphic Design
(See Graphic Design)

Air Conditioning, Refrigeration Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Air Conditioning, Refrigeration Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Apparel Manufacturing Management (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Architectural Technician - Drafting (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Architectural Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Assaulted Women and Children - Counsellor and Advocate (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Behavioural Science Technician
(See Human Services Counsellor)

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Accounting (Bus)
2-year diploma, co-op (4 semesters) (52 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Distribution Management (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Human Resources
(See Human Resources Management)

Business - Information Systems (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Insurance (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Retailing
(See Retail Management)

Business Administration - Accounting (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Information Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Small Business Management (Bus)
3-year diploma (6 semesters)

Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Ceramics (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Chef Training - Pre-employment (Bus)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: At the advanced level: two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Chiropody (HS)
3-year diploma (6 semesters)
Additional requirements: A senior biology credit. A senior chemistry credit. A senior English credit. A senior mathematics credit. A senior physics credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Civil Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). Other requirements exist. Contact college for details.

College Vocational (AA)
1-year certificate (2 semesters)
Basic-level graduate accepted.

Community Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Computer Programmer (Bus)
2-year diploma (64 weeks)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Construction Engineering Technician - Management (Tech)
(See also Residential Construction Management)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Construction Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Court Reporting - Machine Shorthand (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Typing skill (35 words per minute). Selection criteria exist. Contact college for details.

Court Reporting - Stenomask (Bus)
1-year certificate (3 semesters)
Additional requirements: A senior English credit (Year 4). Typing skill (35 wpm).

Creative Fashion (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Culinary Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Day Care Assistant (AA)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior biology credit. A senior chemistry credit. Selection criteria exist. Contact college for details.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Consult college calendar.
This program has limited enrolment.

Dental Office Administration (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior biology credit. A senior chemistry credit. Typing skill (35 wpm).

Dental Technology (HS)
3-year diploma (6 semesters)
Additional requirements: A senior chemistry credit. A senior physics credit. A senior biology credit. Selection criteria exist. Contact college for details.

Denture Therapy (HS)
3-year diploma (6 semesters)
Additional requirements: A senior chemistry credit. A senior physics credit. A senior biology credit. Selection criteria exist. Contact college for details.

Drafting Technician (Tech)
(See also Mechanical Engineering Technician - Drafting Design)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electrical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Electrical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4).

Electronics Engineering Technology (Tech)
3-year diploma (6 semesters) (99 weeks, non-semestered)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4).

Fashion Technique and Design
(See Creative Fashion)

Fitness Instructor
(See Fitness and Lifestyle Management)

Fitness and Lifestyle Management (AA)
2-year diploma (4 semesters)
Additional requirements: A senior biology credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Food and Beverage Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Furniture Technician - Production and Design (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Gemmology (AA)
1-year certificate (34 weeks)

General Arts and Science (AA)
2-year diploma (4 semesters)

Graphic Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Graphic Design (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Graphic Sign Design and Production (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Health Records Administration (HS)
2-year diploma (4 semesters)
Additional requirements: A senior science credit (Year 4). A senior mathematics credit (Year 4).
This program has limited enrolment.

Health Records Technician (HS)
1-year certificate (2 semesters)

Additional requirements: A senior science credit (Year 4). A senior mathematics credit (Year 4).
This program has limited enrolment.

Heating, Air Conditioning and Refrigeration Technician
(See Air Conditioning, Refrigeration Engineering Technician)

Heating, Air Conditioning and Refrigeration Technology
(See Air Conditioning, Refrigeration Engineering Technology)

Hotel Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Human Resources Management (Bus)
2-year diploma, co-op
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Human Services Counsellor (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Instrumentation Engineering Technician - Industrial (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Instrumentation Engineering Technology - Industrial (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4).

Insurance
(See Business - Insurance)

Intervenor for Deaf-Blind Persons (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Investment Sales Assistant (Bus)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Jewellery Arts (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Jewellery Repairs (Tech)
1-year diploma (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Manufacturing Technician - Piano (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Mechanical Engineering Technician - Automated Manufacturing (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit. A senior English credit.

Mechanical Engineering Technician - Drafting Design (Tech)
2-year diploma (64 weeks)

Mechanical Engineering Technician - Product Design (Tech)
2-year diploma (4 semesters)

Mechanical Engineering Technician - Tool Design (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit. A senior English credit.

Mechanical Engineering Technician - Tool and Die Making (Tech)
2-year diploma (4 semesters)

Mechanical Technician - Maintenance (Tech)
2-year diploma (4 semesters)

Mechanical Engineering Technician - Mouldmaking (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: At the advanced level: a senior biology credit; a senior chemistry credit; a senior English credit (Year 4); and a senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (2 semesters)

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Typing skill (35 words per minute).

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Office Systems (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Orthotic/Prosthetic Technician (HS)
2-year diploma (4 semesters)
Additional requirements: A senior physics credit. A senior biology credit. Selection criteria exist. Contact college for details.

Pre-Health Science (HS)
1-year certificate (1 semester)

Printing Technician (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Printing Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Property Management (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Records and Information Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4).

Residential Construction Management (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Retail Management (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Stationary Power Plant Engineering (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4).

Support Care (HS)
1-year certificate (2 semesters)

Theatre Arts (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Welding Specialist - Engineering Techniques (Tech)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Welding Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

For Further Information

George Brown College of Applied Arts and Technology
P.O. Box 1015, Station B
Toronto, Ontario M5T 2T9
(416) 867-2000, 867-2464

AA=Applied Arts, Bus=Business, HS=Health Sciences, Tech=Technology

Georgian College of Applied Arts and Technology

Barrie

President: Wayne F.J. Busch

Enrolment 1990-91

Full-time enrolment	4 097
Part-time registrations	28 978

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Owen Sound Campus
1150 8th St. E.
Box 700
Owen Sound, Ont.
N4K 5R4
(519) 376-0682

Barrie Campus
One Georgian Dr.
Barrie, Ont.
L4M 3X9
(705) 728-1951
1-800-461-9696

Orillia Campus
825 Memorial Ave.
Box 2316
Orillia, Ont.
L3V 6S2
(705) 325-2705
1-800-461-0218

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Advertising and Graphic Design
(See Design Arts - Graphic Design)

Air Carrier/Airport Management Technology
(See Civil Aviation - Air Carrier Management and Operations)

Business - Accounting (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Marketing (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Accounting (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Automotive Marketing (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered in English and bilingually.

Business Administration - Marketing (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Civil Aviation - Air Carrier Management and Operations (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Civil Aviation - Airport Management and Operations (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Civil Aviation - Air Traffic Services (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Computer Programmer (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Computer Programmer Analyst (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Culinary Management (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior biology credit. A senior chemistry credit. Typing skill (30 wpm). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: C onsult college calendar.
This program has limited enrolment.

Design Arts - Creative Arts (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design Arts - Creative Arts (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design Arts - Graphic Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design Arts - Graphic Design (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design Arts - Industrial Design (AA)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Design Arts - Industrial Design (AA)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Design Arts - Interior Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Design Arts - Interior Design (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Developmental Services Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Early Childhood Assistant (AA)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4).

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Current first aid certificate. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electrical Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Electrical Engineering Technology - Control Systems (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Environmental Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Fashion Merchandising (Bus)
2-year diploma (4 semesters)

Fine Arts and Crafts
(See Design Arts - Creative Arts)

Fine Arts and Crafts - Advanced
(See Design Arts - Creative Arts)

General Arts and Science (AA)
2-year diploma (4 semesters)

Hotel and Resort Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Hotel and Resort Operation (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Industrial Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Interior Design
(See Design Arts - Interior Design)

Jewellery and Metals (AA)
3-year diploma, co-op (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Marine Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Marine Technology - Navigation (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Marine Technology - Recreation (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4).

Mechanical Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technician - Tool and Die (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior biology credit. Either a senior chemistry or physics credit. A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (40 weeks)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Ophthalmic Dispenser (HS)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior physics credit. This program has limited enrolment.

Resources/Environmental Technology
(See Environmental Engineering Technology)

Survey Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Tourism Management (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

For Further Information

Georgian College of Applied Arts and Technology
One Georgian Dr.
Barrie, Ontario L4M 3X9
(705) 728-1951, 722-1511
Toll-free: 1-800-461-9696

Humber College of Applied Arts and Technology

Toronto

President: Robert A. Gordon

Enrolment 1990-91

Full-time registrations	8 932
Part-time enrolments	77 111

Campus Locations
Consult the college for information on the campus at which a program is being offered.

North Campus
205 Humber College
Etobicoke, Ont.
M9W 5L7

York-Eglinton Centre Campus
1669 Eglinton Ave. W.
Toronto, Ont.
M6E 2H4

Woodbine Centre
500 Rexdale Blvd.
Etobicoke, Ont.
M9W 1S2

Keelesdale Campus
88 Industry St.
Weston, Ont.
M6M 4L8

Humber Lakeshore Campus
3199 Lakeshore
Toronto, Ont.
M8V 1K8

Sailing School
Humber Bay Park W.
Lakeshore Blvd.
Etobicoke, Ont.

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising and Graphic Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Advertising - Media Sales (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Air Conditioning, Refrigeration Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. Selection criteria exist. Contact college for details.

Ambulance and Emergency Care (HS)
1-year certificate (3 semesters)
Additional requirements: A senior biology credit. A senior chemistry credit. Current first aid certificate. Cardiopulmonary resuscitation capability (Basic Rescuer level). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Architectural Technician - Design (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. A senior technical credit.

Architectural Technology - Design (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. A senior technical credit.

Audio-visual Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Broadcasting - Radio (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Business - Information Systems (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Business - Retailing
(See Retail Management)

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4).

Business Administration - Accounting (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4).

Business Administration - Information Systems
(See Information Systems)

Chef Training
(See Culinary - Entry-level Cook)

Chemical Engineering Technician
(See Chemical Technician - Laboratory)

Chemical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. Selection criteria exist. Contact college for details.

Chemical Technician - Laboratory (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit.

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Civil Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. A senior technical credit.

Civil Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. A senior technical credit.

Computer Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. A senior technical credit. Selection criteria exist. Contact college for details.

Computer Programmer (Bus)
2-year diploma (4 semesters) (64 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4).

Computer Sales and Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Computer Systems Technician
(See Systems Analyst)

Cosmetics Techniques
(See Fashion Arts - Cosmetic Management)

Creative Photography (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Culinary - Entry-level Cook (Bus)
1-year certificate (2 semesters)

Culinary Management (Bus)
2-year diploma (4 semesters)

Developmental Services Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Early Childhood Education (HS)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electrical Engineering Technician - Control Systems (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. A senior technical credit.

Electrical Engineering Technology - Control Systems (Tech)
3-year diploma, co-op (6 semesters)

Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. A senior technical credit.

Electro-mechanical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit.

Electro-mechanical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit.

Electronics Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. A senior technical credit.

Electronics Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit. A senior technical credit.

Environmental Systems Engineering Technology - Energy Management (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Equestrian Coaching (AA)
1-year certificate (2 semesters)
Additional requirements: Current first aid certificate - St. John Ambulance General. Selection criteria exist. Contact college for details.

Equine Studies - Coaching (AA)
2-year diploma (4 semesters)
Additional requirements: Current first aid certificate - St. John Ambulance General. Selection criteria exist. Contact college for details.

Equine Studies - Management (AA)
2-year diploma (4 semesters)
Additional requirements: Current first aid certificate - St. John Ambulance General. Selection criteria exist. Contact college for details.

Equine Studies - Horse Care and Equine Skills (AA)
1-year certificate (2 semesters)
Additional requirements: Current first aid certificate - St. John Ambulance General. Selection criteria exist. Contact college for details.

Fashion Arts - Cosmetic Management (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Fashion Arts - Modelling and Fashion (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Film and Television Production (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Food and Beverage Service (Bus)
1-year certificate (2 semesters)

Funeral Service Education (HS)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

General Arts and Science (AA)
2-year diploma (4 semesters)

Heating, Air Conditioning and Refrigeration Technician
(See Air Conditioning, Refrigeration Engineering Technician)

Horse Industry Management
(See Equine Studies - Management)

Hotel and Restaurant Administration (Bus)
3-year diploma (6 semesters)

Hotel and Restaurant Management (Bus)
2-year diploma (4 semesters)

Industrial Design (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Information Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4).

Instrumentation Engineering Technician - Industrial (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics credits (one at Year 4).

Interior Design (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Journalism - Print and Broadcasting (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Landscape Technician (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Landscape Technology (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Legal Assistant (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Manufacturing Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit.

Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Mechanical Engineering Technician - Drafting Design (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit.

Mechanical Engineering Technician - Tool and Die (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit.

Mechanical Engineering Technician - Numerical Control (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit.

Music (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: Two senior science credits (chemistry, physics, or biology). Cardiopulmonary resuscitation capability. First aid certificate. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (36 weeks)
Additional requirements: Cardiopulmonary resuscitation capability. First aid certificate. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Word Processing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Packaging Design (Tech)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Pharmacy Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior chemistry credit. Either a senior biology or physics credit. Selection criteria exist. Contact college for details.

Photographic Laboratory Operator (AA)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Photographic Laboratory Technician (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Photography
(See Creative Photography)

Public Relations (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Recreation Leadership (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Rehabilitation Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Resources/Environmental Technology
(See Environmental Systems Engineering Technology - Energy Management)

Retail Floristry (AA)
2-year diploma, co-op (3 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Retail Management (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Safety Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior science credit.

Ski Area Operations (AA)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Sports Equipment Specialist (AA)
1-year certificate (2 semesters)

Systems Analyst (Bus)
2-year diploma (64 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4).

Theatre Arts - Performance (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Theatre Arts - Technical Production (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Travel and Tourism (Bus)
2-year diploma (4 semesters)

Urban Arboriculture (AA)
1-year certificate (2 semesters)

For Further Information
Humber College of Applied Arts and Technology
P.O. Box 1900
205 Humber College Blvd.
Etobicoke, Ontario
M9W 5L7
(416) 675-5000

Lambton College of Applied Arts and Technology

Sarnia

President: Tony Wilkinson

Enrolment

Full-time	1 907
Part-time	12 623

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Modeland Rd Campus
1457 London Rd.
Box 969
Sarnia, Ont.
N7T 7K4

Kettle Point Campus
Box 748
Forest, Ontario
(upgrading only)

Riverside Campus
265 N. Front St.
Box 969
Sarnia, Ont.
N7T 7K4

Industrial Fire School
Lasalle Rd.
Sarnia, Ont.
(fire training for industry)

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Accounting (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Art Fundamentals (AA)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Broadcasting/Journalism - Radio, Television and Print (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration - Accounting (Bus)
3-year diploma, co-op (6 semesters)

Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration - Marketing (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Chemical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. A senior physics credit.

Chemical Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. A senior physics credit. Selection criteria exist. Contact college for details.

Computer Programmer (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Computer Programmer - Analyst (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Correctional Worker (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4).

Drafting Technician
(See Mechanical Engineering Technician - Drafting)

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electronics Engineering Technician - Information Systems (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior physics credit. Selection criteria exist. Contact college for details.

Electronics Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit (Year 4). A senior physics credit. Selection criteria exist. Contact college for details.

Environmental Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. A senior physics credit. Selection criteria exist. Contact college for details.

General Arts and Science (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Graphic Design Fundamentals (AA)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Hospitality and Tourism Management (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Industrial Hygiene Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. A senior physics credit. Selection criteria exist. Contact college for details.

Instrumentation Engineering Technician - Industrial (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. A senior physics credit.

Instrumentation Engineering Techniques - Process Operations (Tech)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Instrumentation Engineering Technology - Industrial (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. A senior physics credit. Selection criteria exist. Contact college for details.

Landscape/Nursery Technician (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4).

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. A senior physics credit.

Mechanical Engineering Technician - Drafting (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior physics credit. Selection criteria exist. Contact college for details.

Mechanical Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. A senior physics credit. Selection criteria exist. Contact college for details.

Medical Laboratory Technology (HS)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior chemistry credit (Year 4). A senior biology credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior biology credit. A senior chemistry credit. A senior physics credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Power Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. A senior physics credit.

Resources/Environmental Technology
(See Environmental Technology)

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Stationary Engineering
(See Power Engineering Technician)

For Further Information
Lambton College of Applied Arts and Technology
P.O. Box 969
1457 London Rd.
Sarnia, Ontario N7T 7K4
(519) 542-7751

Loyalist College of Applied Arts and Technology

Belleville

President: Douglas Auld

Enrolment 1990-91

Full-time enrolment	2 409
Part-time registrations	11 579

Campus Locations

Wallbridge/Loyalist Rd.
Belleville, Ontario
K8N 5B9

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Accounting (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Advertising (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Appraisal and Assessment (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Architectural Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Architectural Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Broadcasting - Radio (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Broadcasting - Television (AA
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Accounting
(See Accounting)

Business - Information Systems
(See Information Systems)

Business - Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business - Sales (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Administration - Accounting
(See Accounting)

Business Administration - Information Systems
(See Information Systems)

Chemical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Chemical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

College Vocational (AA)
1-year certificate (2 semesters)
Basic-level graduate accepted.

Construction Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Developmental Services Worker (AA)
2-year diploma (4 semesters)

Additional requirements: Selection criteria exist. Contact college for details.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters) (52 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior physics credit. A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior physics credit. A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Environmental Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Environmental Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4). Selection criteria exist. Contact college for details.

General Arts and Science (AA)
2-year diploma (4 semesters)

General Arts and Science - Advanced (AA)
3-year diploma (6 semesters)

Hotel and Restaurant Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Information Systems (Bus)
2-year diploma (4 semesters)

Information Systems (Bus)
3-year diploma (6 semesters)

Journalism - Broadcast (AA)
2-year diploma (5 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Journalism - Print (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Mechanical Engineering Technician - Manufacturing (Tech)
2-year diploma (4 semesters) (52 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technology - Manufacturing (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits (one at Yea. 4). A senior chemistry credit. Either a senior biology or physics credit. Either a senior mathematics for technology or mathematics for business credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (36 weeks)
Additional requirements: A senior English credit (Year 4). A senior biology credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)

Office Administration - General (Bus)
1-year certificate (2 semesters)

Office Administration - Legal (Bus)
2-year diploma (4 semesters)

Office Systems Administration (Bus)
3-year diploma (6 semesters)

Photojournalism (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Recreation Leadership (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Resources/Environmental Technician
(See Environmental Technician)

Resources/Environmental Technology
(See Environmental Technology)

Small Business - Office Automation (Bus)
1-year certificate (36 weeks)

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Survey Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Travel and Tourism (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

For Further Information

Loyalist College of Applied Arts and Technology
P.O. Box 4200
Wallbridge/Loyalist Rd.
Belleville, Ontario K8N 5B9
(613) 969-1913

Mohawk College of Applied Arts and Technology

Hamilton

President: Keith L. McIntyre

Enrolment

Full-time	6 740
Part-time	58 243

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Fennell Campus
Fennell Ave. and West 5th
P.O. Box 2034
Hamilton, Ont.
L8N 3T2

Health Sciences Education Centre (Chedoke)
Sanitorium Road
Hamilton, Ont.
L8N 3Z5

Brant-Elgin Campus
411 Elgin St.
Brantford, Ont.
N3T 5V2

Stoney Creek Campus
481 Barton St. E.
P.O. Box 9931
Stoney Creek, Ont.
L8G 3Y4

York Boulevard Campus
430 York Blvd.
Hamilton, Ont. L8R 3K8

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising and Graphic Design
(See Graphic Design)

Advertising - Creative (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Applied Music (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Architectural Technician (Tech)
3-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Architectural Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Broadcasting - Radio (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Broadcasting - Television (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Business (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Accounting (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Information Systems
(See Information Systems)

Business - Marketing (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: At the advanced level, two senior English credits (one at Year 4). Either two senior mathematics or mathematics for technology credits (one at Year 4).

Chemical Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. One other senior science credit.

Chemical Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior chemistry credit. One other senior science credit.

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Civil Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Community Planning
(See Municipal Planning and Development Technician)

Computer Programmer Analyst
(See Computer Technology - Systems)

Computer Technology - Systems (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4).

Construction Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electrical Engineering Technician - Power (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior physics credit.

Electrical Engineering Technology - Control (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4). A senior physics credit.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior physics credit.

Electronics Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). A senior physics credit. Two senior mathematics for technology credits (one at Year 4).

Electronics Engineering Technology - Computer (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4). A senior physics credit.

Food and Beverage Management (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4).

General Arts and Science (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Graphic Arts Reproduction - Production Co-ordinator (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Graphic Design (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Industrial Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Industrial Engineering Technology - Management (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Information Systems (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4).

Instrumentation Engineering Technician - Industrial (Tech)
Technology Division
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior physics credit.

Insurance (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Journalism - Broadcast (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Legal Assistant (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Mechanical Engineering Technician - Fluid Power Automation (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Mechanical Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Medical Laboratory Technology (HS)
3-year diploma (6 semesters)
Additional requirements: At the advanced level: two senior English credits (one at Year 4); two senior mathematics credits (one at Year 4); a senior chemistry credit; either a senior biology or physics credit; two other senior science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Medical Transcriptionist (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Typing skill (45 wpm).

Metallurgical Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). senior mathematics for technology credit (Year 4). A senior chemistry credit. One other science credit.

Municipal Planning and Development Technician (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Music
(See Applied Music)

Native Community Care Counselling and Development (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (5 or 6 semesters)
Additional requirements: At the advanced level: two senior English credits (one at Year 4); two senior science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (36 weeks)
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Typing skill (25 wpm).

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Packaging Management and Technology (Tech)
3-year diploma, co-op (5 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4).

Radiography (HS)
2-year diploma (6 semesters)
Additional requirements: At the advanced level: two senior English credits (one at Year 4); two senior mathematics credits (one at Year 4); a senior physics credit; either a senior chemistry or biology credit. Two other science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Recreation Leadership (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Stationary Engineering - 3rd and 4th Class (Tech)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Either a senior physics or chemistry credit

Transportation Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics for technology credits (one at Year 4).

Travel and Tourism (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

For Further Information
Mohawk College of Applied Arts and Technology
Fennell Ave. and West 5th
Box 2034
Hamilton, Ontario L8N 3T2
(416) 575-2000, 575-2115

Niagara College of Applied Arts and Technology

Welland

President: John T. Sasso

Enrolment 1990-91

Full-time enrolment	3 426
Part-time registrations	27 038

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Main Campus
P.O. Box 1005
Woodlawn Rd.
Welland, Ont.
L3B 5S2

Mack Nursing Education Centre
178 Queenston St.
St. Catharines, Ont.
L2R 2Z7

Horticultural Centre
Ivan D. Buchanan Hall
360 Niagara St.
St. Catharines, Ont.
L2M 4W1

Hospitality and Tourism Centre
5881 Dunn St.
Niagara Falls, Ont.
L2G 2N9

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for more precise information on admission requirements.

Programs

Advertising and Graphic Design
(See Visual and Creative Arts - Design)

Ambulance and Emergency Care (HS)
1-year certificate (36 weeks)
Additional requirements: Class "F" driver's license. Cardiopulmonary resuscitation capability (Basic Rescuer level). Current first aid certificate (standard). Two senior science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Behavioural Science Technician
(See Human Relations)

Broadcasting - Radio, Television, and Film (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Accounting (Bus)
2-year diploma, co-op (4 semesters)

business - Retail
(See Retail Management)ng

Business - Sales (Bus)
2-year diploma (4 semesters)

Business Administration - Accounting (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Human Resources Management (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Information Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Marketing (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Operations Management (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credits (Year 4).

College Vocational (AA)
1-year certificate (2 semesters)
Basic-level graduate accepted.

Computer Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior physics credit. A senior mathematics for technology credit (Year 4).

Computer Programmer (Bus)
2-year diploma (4 semesters) (64 weeks, non-semestered)

Construction Engineering Technology - Architecture (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Culinary Skills (AA)
1-year certificate, co-op (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior biology credit. Either a senior chemistry or physics credit. Cardiopulmonary resuscitation capability (Basic Rescuer level). Selection criteria exist. Contact college for details.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Consult college calendar.

Dental Office Administration (HS)
1-year certificate (2 semesters)
Additional requirements: Typing skill (30 wpm).

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered in English and bilingually. It has limited enrolment.

Educational Resources and Special Needs (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Electrical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Either a senior mathematics for technology or a senior mathematics advanced credit (Year 4).

Electrical Engineering Technology - Power Systems (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior physics credit. A senior mathematics for technology credit (Year 4).

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Either a senior mathematics for technology (Year 4) or mathematics advanced credit (Year 4).

Electronics Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior physics credit. Either a senior mathematics for technology or mathematics advanced credit (Year 4). Selection criteria exist. Contact college for details.

Fashion Arts (AA)
2-year diploma (4 semesters)

General Arts and Science
(See General College)

General College (AA)
2-year diploma (4 semesters)

Health Records Technician (HS)
2-year diploma (4 semesters)
Additional requirements: Typing skill (25 wpm). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Horticultural Technician (Tech)
2-year diploma, co-op (4 semesters)

Hotel and Restaurant Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior English credit (Year 4).

Human Relations (AA)
2-year diploma (4 semesters)

Industrial Engineering Technician - Quality Control (Tech)
2-year diploma (64 weeks, non-semestered)
Additional requirements: A senior mathematics for technology or mathematics advanced credit (Year 4).

Interior Design (AA)
3-year diploma (6 semesters)

Journalism - Print (AA)
2-year diploma (4 semesters)
Additional requirments: Selection criteria exist. Contact college for details.

Landscape and Horticulture Technician
(See Horticultural Technician)

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Legal Assistant (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Manufacturing Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior physics credit. Either a senior mathematics for technology (Year 4) or mathematics advanced (Year 4) credit.

Mechanical Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior physics credit. Either a senior mathematics for technology or mathematics advanced credit (Year 4).

Medical Transcriptionist - Health Records (HS)
1-year certificate (2 semesters)
Additional requirements: Typing skill (40 wpm). Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: Two senior science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (36 weeks)
Additional requirements: A senior English credit (Year 4). A senior science credit. Selection criteria exist. Contact college for details.
this program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma, co-op (4 semesters)

Office Administration - General (Bus)
1 year certificate (2 semesters)
Additional requirements: Typing skill (30 wpm).

Retail Management (Bus)
2-year diploma, co-op (4 semesters)

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Stationary Engineering - 3rd Class (Tech)
2-year diploma (64 weeks, non-semestered)
Additional requirements: A senior mathematics credit (Year 4). A senior physics credit (Year 4).

Tourism - Tours and Attractions (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program is offered in English and bilingually.

Visual and Creative Arts - Design (AA)
2-year diploma (4 semesters)

For Further Information
Niagara College of Applied Arts and Technology
P.O. Box 1005
Woodlawn Rd.
Welland, Ontario L3B 5S2
(416) 735-2211, ext. 542

Northern College of Applied Arts and Technology

South Porcupine (Timmins)

President: R.J. Gervais

Enrolment 1990-91

Full-time enrolment	1 350
Part-time registrations	11 508

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Haileybury School of Mines
640 Latchford
Haileybury, Ont.
P0J 1K0

Kapuskasing Campus
3 Aurora Ave.
Kapuskasing, Ont.
P5N 1J8

James Bay Education Centre
P.O. Box 30, First St.
Moosonee, Ont.
P0L 1Y0

Kirkland Lake Campus
140 Government Rd. E.
Kirkland Lake, Ont.
P2N 3L8

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Architectural Technician - Drafting (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics credit. A senior physics credit. Selection criteria exist. Contact college for details.
This program is offered in English and bilingually.

Architectural Technology - Construction (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit. A senior physics credit. Selection criteria exist. Contact college for details.
This program is offered in English and bilingually.

Business (Bus)
2-year diploma (4 semesters)
This program is offered in English and bilingually.

Business - Accounting (Bus)
2-year diploma (4 semesters)
This program is offered in English and bilingually.

Business - Information Systems (Bus)
2-year diploma (4 semesters)
This program is offered in English and bilingually.

Business - Marketing (Bus)
2-year diploma (4 semesters)

St. Clair College of Applied Arts and Technology

Windsor

President: A. L. Martin

Enrolment:

Full-time	4 060
Part-time	42 042

Campus Locations
Consult the college for information on the campus at which a program is being offered.

South Campus
2000 Talbot Rd. W.
Windsor, Ont.
N9A 6S4N7M 5W4

Thames Campus
1001 Grand Ave. W.
Chatham, Ont.

Community Career Counselling Services
245 Janette Ave.
Windsor, Ont.
N9A 4Z2

Industrial Resource Centre
3600 Rhodes Dr.
Windsor, Ont.
N8W 5A4

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Advertising and Graphic Design
(See Commercial Art)

Ambulance and Emergency Care (HS)
1-year certificate (3 semesters)
Additional requirements: Class 'F' driver's license. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Architectural Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Business - Information Systems (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Business - Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Business - Retail Management (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Business Administration - Accounting (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credits (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Business Administration - Information Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Chemical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Civil Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Commercial Art (AA)
2-year diploma (4 semesters)
Additional requirements: An art credit. Selection criteria exist. Contact college for details.

Construction Engineering Technician - Civil (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior biology credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Consult college calendar.
This program has limited enrolment.

Developmental Services Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Electronics Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Food and Beverage Management
(See Food Technician - Service Management))

Food Technician - Service Management (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Furniture Products Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Basic-level graduate accepted.Selection criteria exist. Contact college for details.

Furniture Products Techniques (Tech)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

General Arts and Science (AA)
2-year diploma (4 semesters)

Heating, Refrigeration and Airconditioning Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Interior Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Journalism - Print (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Landscape Technician (Tech)
2-year diploma (4 semesters)

Landscape Techniques (Tech)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
Basic-level graduate accepted.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Legal Assistant (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Machine Shop (Tech)
1-year certificate (2 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technician - Industrial Mechanic (Tech)
2-year diploma (4 semesters) (65 weeks, non-semestered)
Additional requirements: Selection criteria exist. Contact college for details.

Mechanical Engineering Technician - Tool and Machine Design
(See Mouldmaking Technician and Toolmaking Technician)

Mechanical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Mechanical Engineering Technology - Energy Management (Tech)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Medical Laboratory Technology (HS)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior chemistry credit A senior physics credit. Selection criteria exist. Contact college for details.

Motive Power Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mouldmaking Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior biology credit. Either a senior chemistry or physics credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (3 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Office Administration - Word Processing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.

Pharmacy Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior chemistry credit. A senior biology credit
Selection criteria exist. Contact college for details.
This program has limited enrolment.

Power Engineering Technician (Tech)
2-year diploma (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Sign Language Communicator (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Sign Language Interpreter (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Stationary Engineering
(See Power Engineering Technician)

Toolmaking Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Travel Counsellor (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Veterinary Technician (HS)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit. A senior chemistry credit. A senior biology credit. Selection criteria exist. Contact college for details.

For Further Information

St. Clair College of Applied Arts and Technology
2000 Talbot Rd. W.
Windsor, Ontario
N9A 6S4
(519) 972-2727

St. Lawrence College of Applied Arts and Technology

Brockville

President: W. William Cruden

Enrolment 1990-91

Full-time enrolment	4 267
Part-time registrations	27 666

Campus Locations
Please consult the college for information on the campus at which a program is being offered.

St. Lawrence College
2288 Parkedale
Brockville, Ontario
K6V 5X3

St. Lawrence College
Windmill Point
Cornwall, Ontario
K6H 4Z1

St. Lawrence College
King & Portsmouth
Kingston, Ont.
K7L 5A6

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at general level or mature student status. Consult college or college calendar for precise information on admission requirements.

Programs

Advertising and Graphic Design
(See Visual and Creative Arts - Graphic Design)

Animal Care Techniques (HS)
1-year certificate (36 weeks)

Appraisal and Assessment (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Behavioural Science Technician (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Behavioural Science Technology (AA)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma, (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business - Advertising and Public Relations (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business - Human Resources (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business - Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business Administration (Bus)
3-year diploma (6 semesters)

Business Administration - Accounting (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business Administration - Human Resources Management (Bus)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business Administration - Information Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Business Technology - Information/ Communication Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Civil Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

College Vocational (AA)
2-year diploma (4 semesters)
Basic-level graduate accepted.

Computer Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.
(See also Microcomputer Engineering Technology)

Correctional Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Developmental Services Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electronics Engineering Technician (Tech)
2-year diploma (64 weeks, non-semestered)
Additional requirements: A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: Two senior mathematics for technology credits (one at Year 4). Selection criteria exist. Contact college for details.

Fashion Arts
(See Visual and Creative Arts - Fine Arts)

Fashion Merchandising (Bus)
3-year diploma (6 semesters)

General Arts and Science (AA)
2-year diploma (4 semesters)

Hotel and Restaurant Management (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: Two senior English credits (one at Year 4).

Instrumentation Engineering Technician - Industrial (Tech)
2-year diploma (4 semesters) (52 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Instrumentation Engineering Technology - Industrial (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Legal Assistant (Bus)
2-year diploma (4 semesters)

Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Marine Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Medical Laboratory Technology (HS)
3-year diploma (6 semesters)
Additional requirements: At the advanced level: a senior mathematics credit (Year 4), a senior English credit (Year 4), a senior chemistry credit, and either a senior biology or physics credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Microcomputer Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior mathematics for technology credits (Year 4). Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). At the advanced level: two senior English credits (one at Year 4), and two senior science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (36 weeks)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Recreational Marine Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Selection criteria exist. Contact college for details.

Social Service Worker - Gerontology (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Veterinary Technology (HS)
3-year diploma (6 semesters)
Additional requirements: At the advanced level: a senior mathematics credit (Year 4), a senior English credit (Year 4), a senior chemistry credit, and either a senior biology or physics credit. Selection criteria exist. Contact college for details.

Visual and Creative Arts - Fashion Design (AA)
3-year diploma (6 semesters)

Visual and Creative Arts - Fine Arts (AA)
2-year diploma (4 semesters)

Visual and Creative Arts - Graphic Design (AA)
3-year diploma (6 semesters)

For Further Information

St. Lawrence College of Applied Arts and Technology
2288 Parkedale
Brockville, Ontario K6V 5X3
(613) 345-0660

Sault College of Applied Arts and Technolgy

Sault St. Marie

President: Gerry McGuire

Enrolment

Full-time	1 979
Part-time	10 062

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Sault College
Main Campus
443 Northern Ave.
Sault Ste. Marie, Ont.
P6A 5L3

North Algoma Campus
3 Maple St.
Box 1490
Wawa, Ont.
T0S 1K0

Elliot Lake and North Shore Campus
1 College Place
Elliot Lake, Ont.
P5A 3G9

Chapleau Campus
34 Birch St.
Box 787
Chapleau, Ont.
P0M 1K0

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising Art - Graphic Design (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Architectural Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Architectural Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Aviation Technology - Flight (Tech)
3-year diploma (7 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Business (Bus)
2-year diploma (4 semesters)

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business - Advertising (Bus)
2-year diploma (4 semesters)

Business Administration - Accounting (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Business Office Procedures and Retail Sales (Bus)
1-year certificate (34 weeks)

Chef Training (Bus)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Child and Youth Worker (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Civil Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

College Entrance (Native) (AA)
1-year certificate (2 semesters)

Computer Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Computer Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4).

Computer Programmer (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Computer Programmer Analyst (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Construction Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.
(See also Log Construction Technician)

Correctional Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Cosmetic Sales (Bus)
1-year certificate (2 semesters)

Developmental Services Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Drafting Technician
(See Mechanical Engineering Technician - Drafting)

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Two senior social science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electrical Engineering Technician (Tech)
2-year diploma (4 semesters) (60 weeks, non-semestered)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electrical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Enforcement Services Preparation (AA)
1-year certificate (2 semesters)
Additional requirements: A senior mathematics credit.

Environmental Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Environmental Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Fish and Wildlife Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit. Selection criteria exist. Contact college for details.

Food and Beverage Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Forest Management Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Forestry Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

General Arts and Science (AA)
2-year diploma (4 semesters)

General Vocational Preparation
(See College Entrance)

Geological Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Heavy Equipment Technician (Tech)
2-year diploma, co-op (4 semesters)

Hotel and Restaurant Management (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Law and Security Basic
(See Enforcement Services Preparation)

Log Construction Technician (Tech)
2-year diploma (4 semesters)

Machine shop
(See Mechanical Techniques - Machine Shop)

Mechanical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technician - Drafting (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technician - Machining (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Techniques - Machine Shop (Tech)
1-year certificate (2 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mental Health Worker
(See Native Community Worker - Addiction Counsellor)

Meteorological Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Meteorological Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Motive Power Techniques - Heavy Equipment Diesel (Tech)
1-year certificate (2 semesters)

Native Community Worker - Addiction Counsellor (AA)
2-year diploma (4 semesters)

Native Community Worker - Child and Family Worker (AA)
2-year diploma (4 semesters)

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics credit (Year 4). A senior chemistry credit. Either a senior biology or physics credit with one science at the advanced level. Selection criteria exist. Contact college for details. This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (36 weeks)
Additional requirements: Selection criteria exist. Contact college for details. This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Parks and Forest Recreation Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Property Management
(Real Estate and Insurance Management)

Pulp and Paper Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Pulp and Papermaking Operations (Tech)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Real Estate and Insurance Management (Bus)
2-year diploma (4 semesters)

Recreation Leadership (AA)
2-year diploma (4 semesters)
This program has limited enrolment.

Resources/Environmental Technician/Technology
(See Environmental Engineering Technician/Technology and Water Resources/Engineering Technology)

Sales
(See Business Office Procedures and Retail Sales)

Taxidermy (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Teacher Assistant (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Teachers Of Adults (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Tourism Marketing Management (Bus)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Water Resources Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Welding and Fabricating - Techniques (Tech)
1-year certificate (2 semesters)

For Further Information

Sault College of Applied Arts and Technology
P.O. Box 60
443 Northern Ave.
Sault Ste. Marie, Ontario P6A 5L3
(705) 759-6700
Toll-free: 1-800-461-2260

Seneca College of Applied Arts and Technology

North York

President: W.R. McCutcheon

Enrolment 1990-91

Full-time enrolment	9 530
Part-time registrations	79 266

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Newnham Campus
1750 Finch Ave. E.
North York, Ont.
M2J 2X5

Jane Campus
21 Beverly Hills Dr.
Downsview, Ont.
M3L 1A2

Sheppard Campus
43 Sheppard Ave. E.
North York, Ont.
M2N 2Z8

Yorkdale Campus
2999 Dufferin St.
Toronto, Ont.
M6B 3T4

King Campus
Dufferin St. N.
R.R. 3
King City, Ont.
L0G 1K0

Leslie Campus
1255 Sheppard Ave. E.
North York, Ont.
M2K 1E2

Dufferin Campus
1000 Finch Ave. W.
Downsview, Ont.
M3J 2V5

Fairmeadow Campus
17 Fairmeadow Ave.
North York, Ont.
M2P 1W6

Futures
10720 Yonge St.
Suite 222
Richmond Hill, Ont.
L4C 3E1

School of Computer Studies
1380 Don Mills Rd.
North York, Ont.
M3B 2X2

Markham Office
8525 McCowan Rd.,
Unit 105
Markham, Ont.
L3P 5E5

School of Communication Arts
1124 Finch Ave. W.
North York, Ont.
M2N 5P1

Newmarket Office
16775 Yonge St.
Newmarket, Ont.
L3Y 8J4

Vanier Annex
3000 Don Mills Rd.
North York, Ont.
M2J 5P1

Caledonia Campus
1200 Lawrence Ave. W.
Toronto, Ont.
M6A 1E3

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) At the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Accounting (Bus)
3-year diploma, co-op (6 semesters)

Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Accounting Clerk - Microcomputer (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Advertising and Graphic Design
(See Computer Graphics - Technical and Design Arts)

Audio-visual Techniques (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Aviation Flight Technology (Tech)
3-year diploma (8 semesters)
Additional requirements: A senior English credit (Year 4). A senior physics credit. A senior chemistry credit. At the advanced level: a senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Biological (Chemical) Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Biological (Research) Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit. Selection criteria exist. Contact college for details.

Broadcasting - Radio and Television (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Building Operations Management Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit (Year 4). Selection criteria exist. Contact college for details.

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Accounting (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business - Marketing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Human Resources Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration - Information Systems
(See Business Computer Systems)

Business Administration - Marketing
(See Marketing Administration)

Business Administration - Small Business Management
(See Small Business Administration)

Business Computer Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Chemical (Pharmaceutical) Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit (Year 4). Selection criteria exist. Contact college for details.

Chemical Engineering Technician
(See Biological (Chemical) Technician)

Chemical Engineering Technology
(See Biological (Research) Technology, Chemical (Pharmaceutical) Technology, Chemical Technology, Laboratory Technology, and Laboratory Technology - Electron Microscopy)

Chemical Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Civil Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology (Year 4) or mathematics advanced credit (Year 4).

Coaching Techniques - Gymnastics (AA)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Some athletic coaching experience in gymnastics.

Coaching Techniques - Figure Skating (AA)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Some athletic coaching experience in figure skating.

Coaching Techniques - Tennis (AA)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Some athletic coaching experience in tennis.

Coaching Techniques, Advanced - Figure Skating (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Some athletic coaching experience in figure skating. Selection criteria exist. Contact college for details.

Coaching Techniques, Advanced - Gymnastics (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Some athletic coaching experience in gymnastics. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Coaching Techniques, Advanced - Tennis (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English crdit (Year 4). Some athletic coaching experience in tennis. Selection criteria exist. Contact college for details.

College Vocational (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
Basic-level graduate accepted.

Computer Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology (Year 4) or mathematics advanced credit (Year 4).

Computer Graphics - Technical (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Computer Programmer (Bus)
2-year diploma (64 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Computer Programmer Analyst (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for business (Year 4), mathematics for technology (Year 4), or mathematics advanced credit (Year 4).

Computer Programming and Operating (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for business, mathematics for technology, or mathematics advanced credit (Year 4).

Computer Programming and Analysis (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for business, mathematics for technology, or mathematics advanced credit (Year 4).

Construction Engineering Technology
(See Building Operations Management Technology)

Cosmetic Sales (AA)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Cosmetic Techniques and Management (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Court and Tribunal Administration (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4).

Creative Advertising (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Dental Assistant (HS)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Either a senior physics or chemistry credit. A senior biology credit. Selection criteria exist. Contact college for details.

Dental Hygiene (HS)
2-year diploma (4 semesters)
Additional requirements: Please consult college calendar.
This program has limited enrolment.

Design Arts (AA)
3-year diploma, (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Electronics Engineering Technician - Communications (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technician - Computers (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology - Communications (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit (Year 4). Selection criteria exist. Contact college for details.

Electronics Engineering Technology - Control Systems (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit (Year 4).

Electronics Technician - Electrophotographic Systems (Tech)
2-year diploma (64 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Esthetician (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Fashion Arts (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Fashion Merchandising (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2). Selection criteria exist. Contact college for details.
(See also Retail Management - Fashion Merchandising)

Fashion Sales (AA)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A junior mathematics credit (Year 2).

Fire Protection Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Fire Protection Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit (Year 4). Selection criteria exist. Contact college for details.

Flight Services (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior French credit (Year 4). Selection criteria exist. Contact college for details.

General Arts and Science (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit. Selection criteria exist. Contact college for details.

General Arts and Science - Developmental Studies (AA)
2-year diploma (4 semesters)

Golf Course Technician (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Government Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Illustration - Technical (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

International Business (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

International Freight Forwarding and Customs Brokerage (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

International Freight Forwarding and Customs Brokerage Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Laboratory Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology (Year 4) or mathematics advanced credit (Year 4). Selection criteria exist. Contact college for details.

Laboratory Technology - Electron Microscopy (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics

for technology or mathematics advanced credit (Year 4). Selection criteria exist. Contact college for details.

Law and Security Administration
(See Law Enforcement)

Law Enforcement (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Legal Assistant (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Library and Information Technician (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Manufacturing and Machining Techniques (Tech)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Manufacturing Engineering Technician - Numerical Control/Computer Numerical Control Programmer (Tech)
2-year diploma (4 semesters) (64 weeks non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Manufacturing Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit (Year 4).

Marketing Administration (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Mechanical Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Mechanical Engineering Technician - Manufacturing (Tech)
2-year diploma (4 semesters) (64 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technician - Tool and Machine Design
(See Manufacturing Engineering Technician - Numerical Control/Computer Numerical Control Programmer)

Mechanical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit (Year 4).

Mechanical Engineering Technology - Nuclear (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or mathematics advanced credit (Year 4).

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). A senior biology credit. Either a senior physics or chemistry credit. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details
This program is offered in English and bilingually.

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Outdoor Recreation Technician (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Property Management (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Real Property Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Records and Information Management (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Recreation Facilities Management (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Recreation Leadership
(See Outdoor Recreation Technician and Recreation Facilities Management)

Recreation - Parks Operation and Services (AA)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.
(See also Golf Course Technician)

Resources Engineering Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Resources Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit. Either a senior mathematics advanced or mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Retail Florist (AA)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Retail Management - Fashion Merchandising (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Small Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Small Business Management (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Social Service Worker - Gerontology (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Tour Guiding and Receptive Services (Bus)
1-year certificate (2 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Tourist Industry Administration (Bus)
3-year diploma (5 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit. Selection criteria exist. Contact college for details.

Transportation and Distribution
(See International Freight Forwarding and Customs Brokerage)

Transportation and Distribution Administration
(See International Freight Forwarding and Customs Brokerage Administration)

Travel and Tourism Studies (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit. Selection criteria exist. Contact college for details.

Underwater Skills (Tech)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology or senior mathematics advanced credit. A senior physics credit. Current first aid certificate. Sports SCUBA diving certificate. Selection criteria exist. Contact college for details.

Veterinary Technician (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior mathematics for technology (Year 4) or mathematics advanced credit (Year 4). A senior chemistry credit. A senior biology credit. Selection criteria exist. Contact college for details.

Visual Merchandising Arts (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

For Further Information
Seneca College of Applied Arts and Technology
1750 Finch Ave. E.
North York, Ontario M2J 2X5
(416) 491-5050

Sheridan College of Applied Arts and Technology

Oakville

President: Mary E. Hofstetter

Enrolment 1990-91

Full-time enrolment	7 410
Part-time registrations	89 862

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Oakville Main Campus
1430 Trafalgar Rd.
Oakville, Ont.
L6H 2L1

Brampton Campus
McLaughlin Rd.
Box 7500
Brampton, Ont.
L6V 1G6

Burlington Campus
3055 New St.
Burlington, Ont.
L7N 1M6

Mississauga Campus
100 Dundas St. W.
Mississauga, Ont.
L5B 1H3

Credit Valley Campus
Faculty of Health Sciences
2186 Hurontario St.
Mississauga, Ont.
L5B 1M9

Milton Campus
Heavy Equipment School
R.R. 3
Milton, Ont.
L9T 2X7

Port Street Campus
1 Port St. E.
Mississauga, Ont.
L5G 4N1

Argus Road Campus
572 Argus Rd.
Oakville, Ont.
L6J 3J3

Queen Elizabeth Campus
178 South Service Rd. E.
Oakville, Ont.
L6J 2X5

Training and Development Centre
100 Wilkinson Rd., Unit 5-8
Brampton, Ont.
L6T 4Y9

Dorval Campus
700 Dorval Dr.
Suite 200
Oakville, Ont.
L6K 3B3

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Advertising (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English advanced credit (Year 4). Selection criteria exist. Contact college for details.

Advertising and Graphic Arts
(See Graphic Design, Illustration - Interpretive and Illustration - Technical)

Animal Care Assistant (AA)
1-year certificate (2 semesters)
Additional requirements:
A senior English credit. Either a senior chemistry or biology credit.

Animation - Classical (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.
This program has limited enrolment.

Applied Photography (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Architectural Technician - Drafting (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Architectural Technology - Design (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior mathematics for technology credit (Year 4). A senior English credit (Year 4). A senior physics credit. Selection criteria exist. Contact college for details.

Art and Art History (AA)
3-year diploma (6 semesters)
Additional requirements: Consult college calendar.
Offered in conjunction with Erindale College, University of Toronto.

Art Fundamentals (AA)
1-year certificate (2 semesters)

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business - Accounting (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business - Human Resources (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business - Information Systems
(See Information Systems)

Business - Marketing (Bus)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business - Transportation and Distribution (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration - Accounting (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration - Finance (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration - Human Resources Management (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Business Administration - Marketing (Bus)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Ceramics - Advanced
(See Crafts and Design - Ceramics)

Chemical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Either a senior physics or senior chemistry credit. Selection criteria exist. Contact college for details.

Chemical Engineering Technology - Environmental (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Either a senior physics or senior chemistry credit. Selection criteria exist. Contact college for details.

Chemical Technician - Laboratory (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Either a senior physics or senior chemistry credit. Selection criteria exist. Contact college for details.

Civil Engineering Technician (Tech)
3-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Civil Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Computer (Science) Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior chemistry credit (Year 4). A senior mathematics for technology credit (Year 4). A senior physics credit.

Computer Programmer (Bus)
2-year diploma (4 semesters) (64 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Computer Programmer Analyst (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Either a senior physics or senior chemistry credit.

Correctional Worker (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Cosmetic Techniques and Management (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Crafts and Design - Ceramics (AA)
3-year diploma (6 semesters)

Crafts and Design - Fabrics (AA)
3-year diploma (6 semesters)

Crafts and Design - Furniture (AA)
3-year diploma (6 semesters)

Crafts and Design - Glass (AA)
3-year diploma (6 semesters)

Drafting Technician
(See Mechanical Engineering Technician - Drafting)

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior social science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Early Childhood Assistant (AA)
1-year certificate
Additional requirements: A senior English credit. Two senior social science credits. Selection criteria exist. Contact college for details.

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Electronics Engineering Technician - Microcomputer (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Electronics Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior physics credit. Selection criteria exist. Contact college for details.

Esthetician (AA)
2-year diploma (4 semesters)
Additional requirements: A junior biology credit (Year 2). Selection criteria exist. Contact college for details.

Fashion Technique and Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Fashion Technique and Design - Knit Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Fine Arts and Crafts - Advanced
(See Crafts and Design - Fabrics)

General Arts and Science (AA)
2-year diploma, co-op (4 semesters)

Graphic Design (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Heavy Equipment Technician - Construction (Tech)
2-year diploma (4 semesters) (64 weeks, non-semestered)
Additional requirements: An intermediate mathematics credit (Year 2)

Human Services Administration (AA)
2-year diploma (4 semesters)
Additional requirements: Two senior social science credits.

Illustration - Interpretive (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Illustration - Technical (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Information Systems (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Interior Design (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Interior Design (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Journalism - Print (AA)
2-year diploma (4 semesters)

Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior social science credits . Selection criteria exist. Contact college for details.

Law and Security Administration - Loss Prevention Management (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior social science credits. Selection criteria exist. Contact college for details.

Library and Information Technician (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technician (Tech)
2-year diploma, co-op (4 semesters) (64 weeks, non-semestered)
Additional requirements: A senior mathematics for technology credit (Year 4). A senior English credit (Year 4).

Mechanical Engineering Technician - Drafting (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Selection criteria exist. Contact college for details.

Mechanical Engineering Technology (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Either a senior physics or chemistry credit. Selection criteria exist. Contact college for details.

Mechanical Engineering Technology - Design and Drafting (Tech)
3-year diploma, co-op (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). A senior science credit.

Media Arts (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Music Theatre - Performance (AA)
3-year diploma (6 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4). Two senior science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (36 weeks)
Additional requirements: A senior English credit (Year 4).
This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - General (Bus)
1-year certificate (2 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Office Administration - Office Systems (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Photography
(See Applied Photography)

Records and Information Management (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Retail Management (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Selection criteria exist. Contact college for details.

Sign Language Communicator (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior social science credits. Selection criteria exist. Contact college for details.

Sign Language Interpreter (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior social science credits. Selection criteria exist. Contact college for details.

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). Two senior social science credits. Selection criteria exist. Contact college for details.
This program has limited enrolment.

Sports Injury Management (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Either a senior advanced biology or senior advanced chemistry credit (Year 4). Selection criteria exist. Contact college for details.
This program has limited enrolment.

Systems Analyst (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics for technology credit (Year 4).

Theatre Arts - Technical Production (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Transportation and Distribution
(See Business - Transportation and Distribution)

Travel and Tourism (Bus)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

Visual Merchandising Arts (AA)
2-year diploma (4 semesters)
Additional requirements: Selection criteria exist. Contact college for details.

For Further Information

Sheridan College of Applied Arts and Technology
1430 Trafalgar Rd.
Oakville, Ontario L6H 2L1
(416) 849-2600, 849-2616, 845-9430, ext. 800

AA=Applied Arts, Bus=Business, HS=Health Sciences, Tech=Technology

Sir Sandford Fleming College of Applied Arts and Technology

Peterborough

President: Brian L. Desbiens

Enrolment 1990-91

Full-time enrolment	3 908
Part-time registrations	12 821

Campus Locations
Consult the college for information on the campus at which a program is being offered.

Sutherland Campus
Brealey Dr.
Peterborough, Ont.
K9J 7B1
(705) 749-5500

Frost Campus
School of Natural Resources
Box 8000
Lindsay, Ont.
K9V 5E6

Haliburton Campus
The Norman A. Sisco Centre
Box 339
Haliburton, Ont.
K0M 1S0

Lakeshore Campus
The Fleming Building
1005 William St.
Cobourg, Ont.
K9A 5J4

General Admission Requirements
An Ontario Secondary School Diploma (OSSD) at the general level or mature student status. Consult the college or college calendar for precise information on admission requirements.

Programs

Aquaculture Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Art Conservation Techniques (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4).

Arts Administration (AA)
2-year diploma (5 semesters)
Additional requirements: A senior English credit (Year 4).

Audio-Video Graphics Communication Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Business (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Accounting (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Human Resources Management (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Information Systems (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Marketing (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Business Administration - Materials Management (Bus)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Cartographic Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Cartographic Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Construction Trades Techniques (Tech)
1-year certificate (3 semesters)
Basic-level graduate accepted.

Correctional Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Early Childhood Education (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).
This program has limited enrolment.

Educational Assistant (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).
This program has limited enrolment.

Electrical Engineering Technician - Controls (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Electrical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics credits (one at Year 4).

Electro-mechanical Engineering Technician - Robotics (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Electro-mechanical Engineering Technology - Robotics (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Electronics Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: Two senior English credits (one at Year 4). Two senior mathematics credits (one at Year 4).

Electronics Engineering Technician - Consumer Electronics (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Electronics Engineering Technician - Microcomputer (Tech)
2-year diploma (52 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Electronics Engineering Technician - Telephone Systems (Tech)
2-year diploma, co-op (4 semesters) (52 weeks, non-semestered)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Electronics Engineering Technology - Computer Systems (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Employment Counsellor (AA)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4).

Entrepreneurship (Bus)
1-year certificate (2 semesters)
Basic-level graduate accepted.

Environmental Pest Management (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Fashion Merchandising (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Fish and Wildlife Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Fish and Wildlife Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Food and Beverage Management (Bus)
2-year diploma (4 semesters)

Food Service Supervisor (Bus)
2-year diploma (4 semesters)

Forest Recreation Technician (Tech)
2-year diploma, co-op (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Forestry Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Forestry Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

General Arts and Science (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Geographic Information Systems Technician
(See Cartographic Technician)

Geographic Information Systems Technology
(See Cartographic Technology)

Geological Engineering Technology
(See Minerals Engineering Technology)

Geological Technician - Geotechnical (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Geoscience Environmental Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details.

Geotechnical Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Heavy Equipment Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

International Trade (Bus)
3-year diploma, co-op (5 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Law and Security Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Law and Security Administration - Customs Administration (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Law and Security Administration - Loss Prevention Management (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Law and Security Administration - Police Education (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Legal Assistant (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Manufacturing Engineering Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Manufacturing Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Marine Techniques (Tech)
1-year certificate (3 semesters)

Mechanical Engineering Technician - Tool and Die (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Minerals Engineering Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details

Nursing (HS)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). Two senior science credits – biology, physics, or chemistry. Selection criteria exist. Contact college for details. This program has limited enrolment.

Nursing Assistant (HS)
1-year certificate (36 weeks)
Additional requirements: A senior English credit (Year 4). Two senior science credits – biology, physics, or chemistry. Selection criteria exist. Contact college for details This program has limited enrolment.

Office Administration - Executive (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Office Administration - Legal (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Office Administration - Medical (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Office Administration - Word Processing (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Office Systems Administration (Bus)
3-year diploma (5 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Parks and Forest Recreation Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4). Selection criteria exist. Contact college for details

Recreation Leadership (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).

Recreational Merchandising
(See Sporting Goods Business)

Resources Technician - Drilling (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Resources/Environmental Technician
(See Terrain and Water Resources Technician)

Resources/Environmental Technology
(See Terrain and Water Resources Technology)

Security Alarm Techniques (Tech)
1-year certificate (3 semesters)
Basic-level graduate accepted.

Social Service Worker (AA)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4).
This program has limited enrolment.

Sporting Goods Business (Bus)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Terrain and Water Resources Technician (Tech)
2-year diploma (4 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Terrain and Water Resources Technology (Tech)
3-year diploma (6 semesters)
Additional requirements: A senior English credit (Year 4). A senior mathematics credit (Year 4).

Tourism and Transportation (Bus)
3-year diploma (6 semesters)

Tourism and Transportation - Convention Management (Bus)
3-year diploma (6 semesters)

Tourism and Transportation - Hospitality Management (Bus)
3-year diploma (6 semesters)

Tourism and Transportation - Travel Merchandising (Bus)
2-year diploma (4 semesters)

For Further Information

Sir Sandford Fleming College of
Applied Arts and Technology
Brealey Drive
Peterborough, Ontario K9J 7B1
(705) 749-5500
Toll-free: 1-800-461-6423

Apprenticeship

What Apprenticeship Is

Put simply ... apprenticeship is an agreement between a person like you who wants to learn a skill and an employer who wants to train you to be a skilled worker.

Both you and your employer will benefit from apprenticeship. In excha ge for your services, you will have the opportunity to learn skills that can provide you with a rewarding career. Your employer will gain a productive, skilled worker.

Apprenticeship is a proven way to train. Canadians trained through apprenticeship have been part of the teams that created:

- the space arm on the U.S. shuttlecraft
- the CN Tower, the world's tallest free-standing structure
- the Urban Transport Development Corporation train – the train of the future
- gourmet meals for world-renowned restaurants and hotels.

Skilled workers, trained through apprenticeship, bake your bread, fix your car, and build your home. You too can learn these skills.

Apprenticeship training is administered by the Ministry of Skills Development, under the *Apprenticeship and Tradesmen's Qualification Act.*

How Apprenticehsip Works

The first step to becoming an apprentice is to decide which occupation best matches your goals and interests. To help you do that, this section will assist you in finding out about different careers and their apprenticeship requirements. You should also take a look at the electronic Directory of Apprenticeship, which is available in your guidance office and at the local Apprenticeship and Client S ervices Office of the Ministry of Skills Development. For further information on apprenticeship opportunities in your community, contact an Apprenticeship and Client Services Industrial Training Consultant.

Once you have decided upon an occupation, the next step is to find an employer or union to train you as an apprentice. This could be an employer you already know, or you may have to pound the pavement, knock on some doors, or answer the want-ads before you find someone suitable. However, you are not totally alone here. Many employers are always on the 'ookout for keen, ambitious apprentices, whether you are a male or a female. In fact, now there are many more opportunities for females to enter apprenticeships. You can enlist the aid of an Industrial Training Consultant in one of the Apprenticeship and Client Services Branch's 27 field offices for information about special programs for women. Also, a consultant may be able to advise you on apprenticeship opportunities in your area and can answer questions you may have about apprenticeship.

The consultant is the person to see after you've found an employer. Your consultant will:

- confirm that you meet the minimum age and educational requirements (higher levels of education are required by many employers);
- determine, along with your employer, whether your schooling and previous work experience entitles you to a shortening of the apprenticeship requirements; and
- do the administrative work so that you and your employer can sign a formal contract of apprenticeship.

This contract spells out the conditions of training and, for some occupations, wages.

Most of your training will be hands-on experience gained in the workplace under the supervision of journeypersons and supervisory personnel. The remainder usually is conducted at a college of applied arts and technology. When attending school, you may be able to receive financial help from the Canada Employment and Immigration Commission.

Apprentices usually attend on a block-release basis (i.e., go to school full-time for a number of weeks each year) or a day-release basis (i.e., attend school one day a week). In some cases, night school and correspondence courses are also options. In addition, in some communities, alternative programs may be available that allow apprentices to take all their in-school training at the start of their apprenticeship or to combine work toward a secondary school graduation diploma with credits toward an apprenticeship. Your Industrial Training Consultant has more information about these alternatives.

Apprenticeship training is divided into periods, which are measured in total hours of school and work, with 1800 – 2000 hours being the same as about one year. During that time, the wages you are paid by your employer will never be less than Ontario's minimum wage. As your productivity improves with the successful completion of each period, your wages will increase. The amount of this raise differs with each skilled occupation and is subject to negotiation with your employer. New apprentices are eligible to receive an Apprentice Tool Fund grant from the Ontario government that will help them buy some of the tools they need for their training.

Many skilled occupations are regulated in Ontario; that is, they are governed by specific regulations that outline the standards and conditions of training for that occupation. There are also apprenticeship training programs designed to provide specific job skills for more than 600 employer-specific occupations.

To successfully complete an apprenticeship in any occupation, apprentices must write and pass the final Certificate of Qualification examination, where the exam is available. Successful individuals will receive both Certificates of Qualification and Apprenticeship. About 20 regulated skilled occupations have Interprovincial Standards examinations, and a mark above 69% entitles you to an Interprovincial Red Seal, which permits you to practise your occupation across Canada without further examination.

In certain regulated skilled occupations, certification is compulsory; only holders of a Certificate of Qualification or registered apprentices can work in these occupations.

Regulated occupations with voluntary certification do *not* require Certificates of Qualification or Apprenticeship. However, these certificates indicate a certain level of skill to a prospective employer, and some employers and unions require them.

You may work in any of the employer-specific occupations without being a registered apprentice. However, graduate apprentices in these occupations are awarded certificates as evidence of having attained a provincially recognized level of knowledge and skill.

Please note that *most* of the skilled occupations described in this section are regulated.

It's in Your Hands

Choosing a career is one of the most important decisions you'll ever make, and this section provides you with some of the information you'll need to ensure that your decision is a sound one.

A contract of apprenticeship is just that – a contract – with rights and obligations on both sides. Before an employer is willing to invest time and money in you, he or she must be convinced that you're worth it. Employers want to see a positive attitude and a willingness to work hard both on the job and at school. They want their apprentices to demonstrate the ability and commitment to follow through to the end of the training program. Only then will they match your investment in yourself and your future.

What the Entrance Requirements Are

For most skilled occupations, the minimum educational requirement is Year 2 or its equivalent. Some employers and unions, however, insist that applicants have higher academic standards, with credits in specific subjects. Remember that additional education is an asset in the pursuit of any career.

Occupational Health and Safety

Information about the *Occupational Health and Safety Act, 1978*, and related matters is available from the Ministry of Labour and universities and community colleges throughout Ontario. Occupational Health and Safety Resource Centres are operated by Lakehead University, Laurentian University, Queen's University, the University of Waterloo, the University of Western Ontario, and the Ontario Ministry of Labour.

Further Information

Contact an Industrial Training Consultant at your local Apprenticeship and Client Services Office.

Locations

Barrie Regional Office
Ontario Government Building
114 Worsley St.
Barrie, Ontario L4M 1M1
(705) 737-1431

Belleville Area Office
Bell Tower Plaza
2nd Floor
365 North Front St.
Belleville, Ontario K8P 5A5
(613) 968-5558

Brantford Area Office
P.O. Box 1750
14 Holiday Drive
Brantford, Ontario N3T 5V7
(519) 756-5197

Brockville Area Office
Ontario Government Building
P.O. Box 1511
Oxford St.
Brockville, Ontario K6V 5Y6
(613) 342-5481

Chatham Area Office
Suite 103
59 Adelaide St. South
Chatham, Ontario N7M 4R1
(519) 354-9100 ex. 243

Cornwall Area Office
2nd Floor
333 Pitt St.
Cornwall, Ontario K6J 3R1
(613) 938-9702

Hamilton District Office
Ontario Government Building
P.O. Box 2112
7th Floor
119 King St. West
Hamilton, Ontario L8N 3Z9
(416) 521-7764

Kenora Area Office
3rd Floor
227 - 2nd St. South
Kenora, Ontario P9N 1G1
(807) 468-2879

Kingston Area Office
Suite 306
1055 Princess St.
Kingston, Ontario K7L 5T3
(613) 545-4338

London District Office
Suite 201
217 York St.
London, Ontario N6A 1B3
(519) 675-7788

Mississauga Regional Office
4th Floor
165 Dundas St. West
Mississauga, Ontario L5B 2N6
(416) 279-7333

North Bay Area Office
2nd Floor
1500 Fisher St.
Northgate Plaza
North Bay, Ontario P1B 2H3
(705) 495-8515

Oshawa Area Office
Durham College
Box 385
J. Building, J201
Oshawa, Ontario L1H 7L7
(416) 576-0171

Ottawa District Office
Suite 703
1355 Bank St.
Ottawa, Ontario K1H 8K7
(613) 731-7100

Owen Sound Area Office
Suite 108
Nor-Towne Plaza
220 - 11th St. East
Owen Sound, Ontario N4K 1T9
(519) 376-5790

Pembroke Area Office
169 Lake St.
Pembroke, Ontario
K8A 5L8
(613) 735-3911

Peterborough Area Office
Ontario Government Building
306 George St. North
Peterborough, Ontario K9J 3H2
(705) 743-4172

Sarnia Area Office
Suite 203
1323 Exmouth St.
Sarnia, Ontario N7S 3Y1
(519) 542-7705

Sault Ste. Marie District Office
4th Floor, Station Tower
421 Bay St.
Sault Ste. Marie, Ontario P6A 1X3
(705) 942-6815

Scarborough Regional Office
Suite 233
2nd Floor, Kenlinton Plaza
2380A Eglinton Ave. East
Scarborough, Ontario M1K 5G5
(416) 325-8702

St. Catharines Area Office
Room 4124
Court House Building
P.O. Box 1240
59 Church St.
St. Catharines, Ontario L2R 7A7
(416) 684-8543

Sudbury Area Office
450 Notre Dame Avenue
Sudbury, Ontario P3C 5K8
(705) 688-3030

Thunder Bay Regional Office
3rd Floor
28 Cumberland St. North
Thunder Bay, Ontario P7A 4K9
(807) 345-8888

Timmins Area Office
20 Wilcox St.
Timmins, Ontario P4N 3K6
(705) 264-2354

Toronto Central/District Office
1st Floor
625 Church St.
Toronto, Ontario M4Y 2E8
(416) 326-5800

Waterloo Area Office
421 King St. North
Waterloo, Ontario N2J 4E4
(519) 884-5460

Windsor Regional Office
2nd Floor
1427 Ouellette Avenue
Windsor, Ontario N8X 1K1
(519) 973-1441

• Employer-Specific Programs
There are training schedules for over 600 employer-specific occupations in Ontario. Some of the more popular ones are listed here, along with the number of training hours involved in each. Graduate apprentices are awarded Certificates of Apprenticeship as evidence of having attained a provincially recognized level of knowledge and skill.

New apprenticeship training programs can be developed on request. The programs usually are custom-designed to meet the exact requirements of individual jobs and employers.

Butcher
Educational Requirements
Duration of Program
Four periods of 1800 hours each.
Duties and Skills
Carries out slaughtering, skimming, cleaning, and hanging operations, bones and trims various types of meat carcasses – beef, veal, lamb, and pork – into marketable retail cuts; may make various kinds of sausages and prepare special meats and fancy meat products.

Carpenter (Plant)
Educational Requirements
Year 2 or equivalent.
Duration of Program
Four periods of 1800 hours each.
Duties and Skills
In an industrial plant or industrial processing area, cuts, shapes, assembles, erects, and maintains various types of wood structures and fittings, using hand and power tools; makes, alters, and repairs structural woodwork and objects.

Chemical Plant Operator
Educational Requirements
Year 2 or equivalent.
Duration of Program
Four periods of 1500 hours each.
Duties and Skills
Operates control panels that control distillation trains, chemical reactors, pumps, compressors, and heat exchangers; operates and controls filters, blenders, and steam, electric, and gas heating devices, decanters, mixers, dryers, pumps, compressors, vacuum jets and pumps, conveyors, fans, and blowers; fills containers, tank cars, tank trucks, and storage tanks.

Draftsperson - Architectural
Educational Requirements
Year 2 or equivalent.
Duration of Program
Three periods of 2000 hours each.
Duties and Skills
Prepares drawings showing internal, external, or other architectural features of office blocks, residential structures, and industrial, commercial, and other buildings.

Draftsperson - Mechanical
Educational Requirements
Year 2 or equivalent.
Duration of Program
Three periods of 2000 hours each.
Duties and Skills
Prepares working plans and other technical drawings from sketches or notes for machines, engines, jigs and fixtures, mechanical equipment, and various types of products for engineering, manufacturing, illustrative, and other purposes.

Drywall and Acoustic Mechanic
Educational Requirements
Year 2 or equivalent.
Duration of Program
Three periods of 1500 hours each.
Duties and Skills
Applies wall board sheets to ceilings and interior walls of buildings; installs thermal acoustic insulation and sound-absorption materials.

Electrician - Plant Maintenance
Educational Requirements
Year 2 or equivalent.
Duration of Program
Four periods of 2000 hours each.
Duties and Skills
In an industrial plant, installs conduit, junction boxes, and switches; pulls, insulates, and seals cables; installs, aligns, hooks up, and tests machines; installs lighting, control communications, and heating systems; overhauls and repairs AC and DC motors and generators.

Electronics Mechanic (Industrial Control)
Educational Requirements
Year 2 or equivalent.
Duration of Program
Four periods of 2000 hours each.
Duties and Skills
Installs, tests, calibrates, and repairs electronic control, monitoring, and communciations equipment in an industrial plant.

Furrier
Educational Requirements
Year 2 or equivalent.
Duration of Program
Three periods of 2000 hours each.
Duties and Skills
Makes, alters, restyles, and repairs fur garments; estimates cost of new garments, alterations, renovations, and repairs.

Retail Meat Cutter
Educational Requirements
Year 2 or equivalent.
Duration of Program
Two periods of 2000 hours each, including one in-school session of 18 weeks.
Duties and Skills
Bones and trims various types of meat carcasses – veal, beef, lamb, and pork – into marketable retail cuts; may make various types of sausages and prepare special meats and fancy meat products; may also carry out poultry and fish preparation.

Terrazzo Tile & Marble Setter
Educational Requirements
Year 2 or equivalent.
Duration of Program
Four periods of 2000 hours each.
Duties and Skills
Installs decorative surfacings composed of cement, sand, pigment, or chemical compounds, marble, or other aggregates on floors, stairs, and other surfaces.

Welder-Arc and Gas
Educational Requirements
Year 2 or equivalent.
Duration of Program
Four periods of 2000 hours each.
Duties and Skills
Welds metal parts together, according to layouts, blueprints, or work orders, using both gas welding and any combination of arc welding processes such as manual, automatic, and semi-automatic, inert gas, and submerged arc; may perform flame-cutting and grinding.

To weld on boilers, pressure vessels, and pressure piping, it is necessary to pass qualification tests specified by the Ontario Ministry of Consumer and Commercial Relations, Technical Standards Division, Pressure Vessels Safety Branch.

• Regulated Trades

Air-cooled & Marine Engine Mechanic
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
For small engine-mechanic, marine, and small-powered equipment mechanic and small-engine mechanic (construction): 4000 hours (about 2 years), including two in-school sessions of 10 weeks each. For boat motor mechanic: 7200 hours (about 3 1/2 years), including two in-school sessions of 10 weeks each.
Duties and Skills
The repair and maintenance of small engines and all types of marine engines. The work is generally performed at marinas, repair shops, and on construction sites.

Alignment and Brakes Mechanic
Educational Requirements
Year 2 or equivalent, though employers may require Year 4. Age 16.
Duration of Program
5400 hours (about 3 years), including two in-school sessions of eight weeks each.
Duties and Skills
Adjusting, maintaining, and repairing steering, suspension, and brake systems, wheels, rims, tires, and tubes; balancing wheels; and inspecting frame alignments and, if necessary, realigning them.

Auto Body Repairer
This skilled occupation has two branches: auto body and collision damage repairer and auto body repairer.
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
Auto Body and collision damage repairer – 7200 hours (about 4 years), including three in-school sessions of eight weeks each.

Auto Body repairer – 4800 hours (about 2 1/2 years), including two in school sessions of eight weeks each.
Duties and Skills
Auto body and collision damage repairer – Hammering out dents in body panels, fenders, and skirting; filing, sanding, grinding, and finishing any welded, pieced, and previously dented areas, to prepare them for priming; shrinking or stretching metal panels by heat treatment; welding breaks in the body area; testing for and correcting faulty frame alignments. Auto body and collision damage repairer only; spray painting; removing and installing parts.
Auto body repairer – Hammering out dents in body panels, fenders and skirting; filing, sanding, grinding and refinishing dented areas to prepare them for primers; shrinking or stretching metal panels by heat treatment; welding breaks in body panels.

Automatic Machinist
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
8000 hours (about 4 years), including three in-school sessions.
Duties and Skills
Setting up and operating single- and multi-spindle lathe-type screw machines.

Automotive Machinist
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
7200 hours (about 4 years), including three in-school sessions.
Duties and Skills
Reconditioning and rebuilding internal-combustion engines and associated components.

Automotive Painter
Educational Requirements
Grade 8 or equivalent. Age 16.
Duration of Program
3600 hours (about 2 years), including one eight-week in-school session.
Duties and Skills
Prepares and refinishes the painted surfaces of car and truck bodies and anodized aluminum moulding; mixing paint and matching colours.

Baker
Educational Requirements
Grade 8 or equivalent. Age 16.
Duration of Program
Junior Baker: 2000 hours (about 2 years), including one 15-week in-school session.
Baker: 6000 hours (about 3 years), including two 15-week in-school sessions.
Patissier: 8000 hours (about 4 years), including two 15-week in-school sessions and one 5-week in-school session.
Duties and Skills
Junior Baker: Preparing ingredients and helping in the making of a wide variety of baked goods.
Baker: Preparing ingredients and basic baked goods; supervising bakery formulation; fermentation, stock control, receiving, and issuing, product costing, ingredient and material purchasing, and decorating and specialty work.
Patissier: Creative specialty baking and kitchen management.

Brick and Stone Mason
Educational Requirements
Grade 8 or equivalent. Age 16.
Duration of Program
5600 hours (about 3 years), including three in-school sessions of eight weeks each.
Duties and Skills
Constructing, installing, and repairing masonry walls, arches, fireplaces, smokestacks, and so forth. Also, the laying of fire brick and other refractory materials used in the construction of such things as industrial furnaces.

Cement Mason
Educational Requirements
Grade 8 or equivalent. Age 16.
Duration of Program
6000 hours (about 3 years).
Duties and Skills
Finishing concrete floors and other surfaces. This includes the application of curing and surface treatments; waterproofing and restoration; and finishing precast and architectural concrete.

Construction Boilermaker
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
6600 hours (about 3 1/2 years), including three in-school sessions of eight weeks each.
Duties and Skills
Laying out, assembling, erecting, and repairing boilers, pressure vessels, heat exchangers, and other heavy industrial structures; reading and understanding drawings, specifications, technical literature, and safety regulations; and testing completed work to ensure that it meets very exacting standards.

Construction Millwright
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
8000 hours (about 4 years), including three in-school sessions of eight weeks each.
Duties and Skills
Installing, repairing, and maintaining mechanical machines (and their components, related devices and systems) in industrial plants, commercial and institutional buildings, and construction sites.

Cook
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
Assistant Cook: 2000 hours (about 1 year), including 15 weeks in-school.
Cook: 6000 hours (about 3 years), including two in-school sessions of fifteen weeks each.
Duties and Skills
Assistant Cook: prepares and assembles complete breakfasts, short- order grills, sandwiches, simple salads, simple desserts, vegetables, and non-alcoholic beverages; carves cooked meats, poultry, fish, and game; and has a working knowledge of table service, soups and sauces, salads and dressings, weights and measures, hygiene, equipment handling, sanitation, and safety.
Cook: kitchen administration and preparing meals in restaurants and institutional food facilities.

Electrician
Educational Requirements
Year 2 or equivalent, though some employers require Year 4. Age 16.
Duration of Program
Construction and Maintenance. 9000 hours (about 4 1/2 years), including three in-school sessions.
Domestic and Rural: 7200 hours (about 3 1/2 years), including two in-school sessions.
Duties and Skills
Installing and maintaining a wide range of electrical systems, equipment, and devices.

Farm Equipment Mechanic
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
9000 hours (about 4 1/2 years), including one in-school session of 14 weeks and two of eight weeks each.
Duties and Skills
Repairing and maintaining a wide range of agricultural machinery.

Fitter - Structural Steel/Platework
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
5400 hours (about 3 years), including three in-school sessions of eight weeks each.
Duties and Skills
Planning, making, and assembling heavy steel components of bridges, buildings, and other structures.

Fuel and Electrical Systems Mechanic
Educational Requirements
Year 2 or equivalent, though some employers may require Year 4. Age 16.
Duration of Program
5400 hours (about 2 1/2 years), including two in-school sessions of eight weeks each.
Duties and Skills
Repairing, maintaining, and adjusting automotive fuel and electrical systems.

General Carpenter
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
3844 to 7200 hours (about 2 to 3 1/2 years), including three in-school sessions of eight weeks each.
Duties and Skills
The full range of carpentry work on a wide variety of projects. This occupation does *not* encompass the work of lathers or cabinet makers.

General Machinist
Educational Requirements
Year 2 or equivalent. Age 16.

Duration of Program
8000 hours (about 3 to 4 years), including three in-school sessions of eight weeks each.
Duties and Skills
Precision metal cutting and grinding to make machinery components.

Glazier and Metal Mechanic
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
8000 hours (about 4 years), including three in-school sessions of eight weeks each.
Duties and Skills
Installing glass in wooden and metal frames for a wide variety of purposes, including windows, the walls of buildings, display cases, glass doors, and aquariums.

Hairstylist
Educational Requirements
Year 1 or equivalent. Age 16.
Duration of Program
3500 - 5500 hours (about 1 to 2 1/2 years), including three in-school sessions of eight weeks each.
Duties and Skills
Providing services related to the care of hair, face and, scalp to both men and women.

Heavy-duty Equipment Mechanic
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
9000 hours (about 41/2 years), including one 12-week and two seven-week in-school sessions.
Duties and Skills
Repairing, servicing, and maintaining bulldozers, graders, trench diggers, and other such construction, logging, mining, and farm equipment.

Hoisting Engineer
This skilled occupation has three branches: mobile crane operator - 1, mobile crane operator - 2, and tower crane operator.
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
Mobile Crane operator - 1: 6000 hours (about 3 years), including two in-school session of six weeks each.
mobile crane operator - 2: 1000 hours including one six week in-school session.
Tower Crane: 4000 hours (about 2 years), including one six-week in-school session.
Duties and Skills
Mobile Crane: setting up, operating, and maintaining cranes capable of lifting loads in excess of fifteen tonnes.
Mobile crane operaor - 2: setting up, operating and maintaining cranes licensed to lift eight to fifteen tonnes. May also operate cranes with less than this capacity.
Tower Crane: operating the tower cranes on construction sites and in shipyards.

Horticulturist
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
4500 hours (about 2 1/4 years), including one in-school session of eight weeks and one session of twelve weeks.
Duties and Skills
Landscaper-greenskeeper: the installation and maintenance of landscaping, a job that encompasses many tasks, including the planning and execution of landscape operations and disease and pest control.
Nursery-greenhouse worker working in and managing nurseries and tree farms. Among other things, the job encompasses the identification and propagation of plants, including greenhouse crops; weed and insect control; and plant sales.

Industrial Electrician
Educational Requirements
Year 2 or equivalent, though some employers may require Year 4 or higher. Age 16.
Duration of Program
9000 hours (about 4 1/2 years), including two in-school sessions of 10 weeks and one of eight weeks.
Duties and Skills
Installing, repairing and maintaining electrical and electronic systems and devices in industrial plants.

Industrial Mechanic Millwright
Educational Requirements
Year 2 or equivalent, though some employers may require Year 4. Age 16.
Duration of Program
8000 hours (about 4 years), including three in-school sessions of eight weeks each.
Duties and Skills
Installing, repairing, and maintaining machinery in all types of industrial plants. The job requirements include a broad knowledge of metallurgy, welding, and blueprint reading and the use of precision measuring instruments.

Industrial Woodworker
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
8000 hours (about 4 years), including three in-school sessions of eight weeks each.
Duties and Skills
Making, assembling, and finishing the components of furniture, cabinets, windows, doors, counters, and store fixtures.

Ironworker
Educational Requirements
Year 2 or equivalent. Age 17.
Duration of Program
6000 hours (about 3 years), including three in-school sessions of eight weeks each.
Duties and Skills
Installing structural steel in a wide variety of construction and industrial settings.

Lather
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
5400 hours (about 3 years), including two in-school sessions of 10 weeks each.
Duties and Skills
Installing various kinds of lath on walls, ceilings, and partitions to support plaster and other materials. The work is done during the construction or renovation of a building and includes a number of related tasks.

Lineperson
Educational Requirements
Year 2 or equivalent, though the employer may require Year 4 or higher. Age 16.
Duration of Program
Powerline Maintainer: 8000 hours (about 4 years), including four in-school sessions.
Powerline Installer: 6500 hours (about 3 1/2 years), including three in-school sessions.
Duties and Skills
Powerline Maintainer: constructing, repairing, maintaining, and operating electrical power lines and related equipment.
Powerline Installer: constructing or assembling overhead pole lines, tower lines, and related equipment used in the transmission of electrical energy. There is also some work on underground electrical systems. Skill in a wide range of safety procedures is essential.

Motorcycle Mechanic
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
5400 hours (about 3 years), including two in-school sessions of eight weeks each.
Duties and Skills
Repairing and maintaining motorcycles and motor scooters.

Motor Vehicle Mechanic
Educational Requirements
Year 2 or equivalent, though some employers may require Year 4. Age 16.
Duration of Program
9000 hours (about 4 1/2 years), including three in-school sessions of eight weeks each.
Duties and Skills
Repairing and maintaining motor vehicles, often with the aid of sophisticated diagnostic techniques.

Mould Maker
Educational Requirements
Year 2 or equivalent, though some employers and unions require Year 4 or higher. Age 16.
Duration of Program
8000 hours (about 4 years), including three in-school sessions of eight weeks each.
Duties and Skills
Making, repairing, and adjusting moulds, models, and templates for the mass production of various products.

Painter and Decorator
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
5400 hours (about 3 years), including one eight-week and two seven-week in-school sessions.
Duties and Skills
Commercial/Residential: applying paint, wallpaper, and many other materials to the interior and exterior surfaces of homes, stores, and office buildings.

Industrial: painting factories, bridges, storage tanks, and many other types of industrial structures.

Pattern Maker
Educational Requirements
Year 2 or equivalent, though many employers require Year 4. Age 16.
Duration of Program
4800 - 7200 hours (about 2 1/2 to 3 1/2 years), including three in-school sessions of eight weeks each.
Duties and Skills
Making the initial models for the moulds, forms, and dies that are used to mass-produce the components of virtually every manufactured product.

Plasterer
Educational Requirements
Grade 8 or equivalent. Age 16.
Duration of Program
6400 hours (about 3 1/2 years).
Duties and Skills
Applying plaster and stucco to interior and exterior walls and ceilings; taping drywall panels.

Plumber
Educational Requirements
Year 2 or equivalent, though some employers may require Year 4. Age 16.
Duration of Program
9000 hours (about 4 1/2 years), including three in-school sessions of eight weeks each.
Duties and Skills
Installing and maintaining pipes and fittings for the flow of water, gases, and other fluids in all manner of domestic and industrial structures.

Printer (Pre-press, Press, or Bindery)
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
8000 hours (about 4 years), including three in-school sessions for printer (pre-press) and printer (press), and two in-school sessions for printer (bindery).
Duties and Skills
Printer (pre-press) – preparing publications for printing, which is largely a matter of making the printing plates that the press printer puts on the press.
Printer (press) – operating a variety of printing presses, a job that involves mixing colours and strict quality control.
Printer (bindery) – folding, cutting, and binding printed pages to produce the finished book, magazine, or brochure. Book restoration and library repairs are also part of the job.

Radio and Television Service Technician
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
8000 hours (about 4 years), including two in-school sessions of 18 weeks each.
Duties and Skills
Installing and servicing radios, televisions, VCRs, and other domestic electronic equipment.

Refrigeration and Air-conditioning Mechanic
Educational Requirements
Year 2 or equivalent, though some employers may require Year 4. Age 1.
Duration of Program
9000 hours (about 4 1/2 years), including three in-school sessions of eight weeks each.
Duties and Skills
The installation and repair of large and small refrigeration and air-conditioning systems and compressor piping in residential, commercial, and industrial settings.

Sheet Metal Worker
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
9000 hours (about 4 1/2 years), including three in-school sessions of eight weeks each.
Duties and Skills
Designing, making and installing all forms of sheet metal work for industrial or construction sites.

Sprinkler and Fire-protection Installer
Educational Requirements
Year 2 or equivalent, though some employers may require Year 4 or higher. Age 16.
Duration of Program
7200 hours (about 4 years), including three in-school sessions of eight weeks each.
Duties and Skills
The installation and maintenance of high- and low-pressure piping to supply fire protection systems with water, foam, carbon dioxide, and other materials in commercial, residential, and industrial buildings.

Steamfitter
Educational Requirements
Year 2 or equivalent, though some employers may require Year 4 or higher. Age 16.
Duration of Program
9000 hours (about 4 1/2 years), including three in-school sessions of eight weeks each.
Duties and Skills
Laying out, assembling, installing, and maintaining the piping for steam, hot water, and other systems.

Tool and Die Maker
Educational Requirements
Year 2 or equivalent, though many employers require Year 4. Age 16.
Duration of Program
8000 hours (about 4 years), including three in-school sessions of eight weeks each.
Duties and Skills
Making, repairing, and modifying dies, forms, cutting tools, gauges, jigs, and fixtures for industry.

Transmission Mechanic
Educational Requirements
Year 2 or equivalent, though many employers may require Year 4. Age 16.
Duration of Program
5400 hours (about 3 years), including two in-school sessions of eight weeks each.
Duties and Skills
The repair of manual and automatic transmissions, clutches, and drive shafts in motor vehicles.

Truck-trailer Repairer
Educational Requirements
Year 2 or equivalent. Age 16.
Duration of Program
5400 hours (about 3 years), including two in-school sessions of eight weeks each.
Duties and Skills
Repairing and maintaining truck trailers, including brake, refrigeration, and coupling systems.

General Information on Ontario Universities, Ryerson and Ontario College of Art

Admission to Bachelor and First Professional Programs at University
Achievement of the Ontario Secondary School Diploma (OSSD) is now normally required for students entering university directly from secondary school.

Note:
With reference to admission requirements for postsecondary programs:

OSSD = Ontario Secondary School Diploma (30 credits subject to the conditions specified in section 4.10 of *Ontario Schools: Intermediate and Senior Divisions (Grades 7-12/OACs), Program and Diploma Requirements, Revised Edition, 1989*). Available as of June 1986.

OSSGD = Ontario Secondary School Graduation Diploma (completion of 27 credits meeting Ministry of Education requirements). Available up to August 31, 1989.

OSSHGD = Ontario Secondary School Honour Graduation Diploma (completion of six credits at the Grade 13 level). Available up to August 31, 1990.

An overall average of 60% in six OACs is normally the minimum required for consideration. Applicants should be aware, however, that possession of the minimum requirement does not guarantee admission. For programs with limited enrolment, higher averages are generally required for admission. Additional requirements, other than grades, will be specified by the individual universities. It is important for applicants to note that admission averages may change on the basis of the number of students applying and the number of spaces available in a particular program.

Course Prerequisites
Specific OAC subject requirements vary according to the university and area of study selected. These are listed for each university under the appropriate major degree program, but as the admissions information has been confirmed only for the current year, students are advised to check with their guidance counsellors about any possible changes in subject requirements affecting the 1992-93 academic year.

Preliminary Year and Admission from Year 4
(Procedure is the same as described for full-time OSSD students.)
Some universities offer a preliminary, pre-university, or qualifying year for students with sufficient credits toward their OSSD or highly qualified Year 4 students.

Brescia College (an affiliate of Western) offers a preliminary year. Carleton University offers a qualifying university year in the Bachelor of Arts, Bachelor of Science, and Bachelor of Engineering programs. The University of Ottawa offers a pre-university year only in the science and engineering faculty. A similar program of admission from Year 4 to the first year of a degree program is offered at Lakehead and Laurentian.

Mature or Non-matriculant Students
The admission requirements for mature or non-matriculant students vary. Most universities impose an age minimum of 21 years. Some universities require students to have been away from formal education for a period of time, and some prescribe pre-university course work or special admission tests. In general, mature applicants are expected to have at least adequate standing in the academic work they have undertaken previously and to be able to demonstrate that they have the aptitude for work at the university level.

At many universities, places in full-time programs are filled by early July; therefore, students who are interested in full-time study and are planning to apply as mature or non-matriculant applicants should apply early.

Early Acceptance
Early acceptance to university may be offered to students before the end of the school year on the basis of their interim OAC or Year 4 marks, and on condition that they maintain their grades and complete their year successfully.

Winter Admission
For students wishing to enter university at times other than the traditional September entry point, there are a number of options within the Ontario system. Students wishing further information in this regard should contact the university's admissions office.

Application to Enter an Ontario University
How to apply
A student planning to enrol in any year at an Ontario university or Ryerson Polytechnical Institute must submit an application through the
Ontario Universities' Application Centre
650 Woodlawn Road West
P.O. Box 1328
Guelph, Ontario N1H 7P4
Telephone (519) 823-1940
Toll-free 1-800-265-8341

The Centre receives and records applications and student responses to university offers of admission. Individuals applying to the Ontario College of Art or the Royal Military College should contact those institutions directly for application forms and further information.

Secondary School Applicants
These are students currently enrolled in full-time OSSD programs with six OACs in accredited secondary or private schools.

The Centre sends blank application forms (OUAC 101) and fee envelopes to each secondary and private school in Ontario. *Each applicant should:*

1. complete the personal data on the form
2. select and record up to three combinations of university and program
3. give the completed form and the $18 Application Service Fee in the fee envelope to the school official.

School officials record OAC/Year 4 course data on the application form, remove copy 2 for the school records, and send copy 1 to the Application Centre. The Centre acknowledges receipt of each application by forwarding a Verification/Amendment form (OUAC 103) to the appropriate school official.

The Centre also obtains the recommended interim OAC marks directly from the secondary school concerned.

Other Applicants
These applicants are those not currently enrolled in Ontario secondary schools but who may have previously obtained the OSSD or OSSHGD, applicants from correspondence or night schools, transfer applicants from another university or college of applied arts and technology (CAAT), or applicants from other provinces or countries.

Other applicants may obtain an application form (OUAC 105) from any university or from the Application Centre. Application forms should be completed and submitted to the Ontario Universities' Application Centre along with the Application Service Fee of $18. An applicant may, when applying, choose a maximum of three combinations of university and program. The Centre processes the application and forwards it to the appropriate universities. The applicant must arrange to have supporting academic documents forwarded directly to these universities, quoting the Applicant's Reference Number.

Amendment Process
If applicants receive refusals of admission from the universities they have selected, they may add new choices and have their applications forwarded by the Centre to the new universities for adjudication.

University Decision Concerning the Applicant
The university, when it makes an offer of admission to the applicant, includes a response document, which the applicant must complete and return to the Centre. The applicant cannot accept more than one offer of admission. The Centre then processes the response and notifies the one university of acceptance and the other universities of the refusal of their offers. Applicants can change their acceptance to another university at a later date, subject to the approval of the university they would like to attend at that time. The applicant must inform the centre in writing of this change in acceptance of universities.

Information for International Students
International students who wish to obtain an application form to attend an Ontario university should direct requests to the Ontario

Universities' Application Centre, 650 Woodlawn Road West, P.O. Box 1328, Guelph, Ontario, Canada N1H 7P4.

Inquiries regarding entrance requirements, courses, fees, residences, and other facilities should be directed to the specific universities.

The Application Service Fee for international students is $28 in the form of an International Money Order. Cheques made on non-Canadian banks are not accepted. Should a student not send the fee along with the application form, the form will not be processed.

International students should apply as early as possible. Application forms will not be sent to international applicants between July 1 and September 30. Therefore, it is recommended that application be made as soon as possible after October 1 for entry into university during September of the following year.

Academic documents, quoting the Applicant's Reference Number, should be sent directly to the university, not to the Application Centre.

The Application Centre is involved only with universities located in Ontario. Inquiries about programs in other provinces should be directed to the individual universities or to the appropriate Department of Education.

Schedule of Important Dates 1991-93

September 3, 1991
Regular (OUAC 105) application forms distributed to universities.

October 7, 1991
Commence distribution of (OUAC 101) application material to secondary schools.

December 13, 1991
Date for receipt of (OUAC 101) application forms from the secondary schools.

November 1, 1991
Commence distribution of Verification/Amendment (OUAC 103) forms to secondary schools as applications are processed.

February 17, 1992
Commence distribution of (OUAC 102) Grades for Early Admission forms to secondary schools.

April 20, 1992
Date for receipt of (OUAC 102) Grades for Early Admission forms from schools that do not have formal examinations in April.

April 27, 1992
Date for receipt of (OUAC 102) Grades for Early Admission forms from schools that do have formal examinations in April.

June 12, 1992
The earliest date by which the candidate may receive offers of early admission, scholarships, and places in residence.

June 26, 1992
Earliest date that universities may require a response to an offer of early admission.

July 17, 1992
Receipt (by the Centre) of final grades of current semester/year courses from secondary schools/boards.

Co-operative Education

Co-operative education formally integrates academic study and paid work experience in co-operative employer environments. The program information for each university will indicate whether co-op study is offered.

Counsellors, teachers, and other educators may obtain further information about co-op education from the Canadian Association for Co-operative Education (CAFCE) Co-op Program Directory, which is available from CAFCE's national office at 1209 King St. West, Suite 203, Toronto, Ontario M6K 1G2. Telephone (416) 535-6993, Fax (416) 535-3994.

Graduate, Extension, and Summer Programs

Horizons does not include complete information on the graduate, part-time, continuing, minor specialization and summer programs offered at the university level. Graduate programs normally require honours standing in a four-year undergraduate program as a prerequisite. In general, admission requirements for part-time, extension, and summer programs leading to degrees or diplomas are the same as for full-time degree programs. Non-credit courses for students not working toward a degree are also available. For further information, check with the admissions office, the extension department, or the graduate school of the university concerned.

Secondary School Liaison and University Information Programs

During the academic year, representatives from each of the 15 universities in Ontario, Ryerson Polytechnical Institute, and the Royal Military College visit over 100 secondary schools across Ontario to take part in university information programs (UIP) for students, parents, and guidance counsellors, as arranged by boards of education. The purpose of these programs is to provide firsthand information about university admission requirements, programs of study, campus life, facilities, campus tours, and scholarships. If you are interested in knowing when a representative from a particular university will be visiting your school, please check with your guidance office or the secondary school liaison officer at that university.

Geographic Distribution of Ontario Universities

(Please contact the main campus of each university for location of affiliated colleges.)

Programs available at Ontario universities and Ryerson Polytechnical Institute

Note:
The following chart is a listing of programs offered at Ontario's 16 universities and Ryerson Polytechnical Institute. This is not a comprehensive list.
For information on special programs see the individual entries on pages XX.
For information about programs offered at the Ontario College of Art see page X.

Codes:
● = undergraduate degree program
† = undergraduate diploma
■ = undergraduate degree and diploma programs
◪ = undergraduate and graduate programs
▲ = undergraduate, graduate and diploma programs
G = graduate study only
M = minor specialization only
✱ = check with university for details
▣ = co-operative program is available. Check with university for details.

	Brock (St. Catharines)	Carleton (Ottawa)	Guelph (Guelph)	Lakehead (Thunder Bay)	Laurentian (Sudbury)	McMaster (Hamilton)	Ottawa (Ottawa)	Queen's (Kingston)	Royal Military College (Kingston)	Ryerson (Toronto)	Toronto (Toronto)	Trent (Peterborough)	Waterloo (Waterloo)	Western (London)	Wilfrid Laurier (Waterloo)	Windsor (Windsor)	York (Toronto)
1. Agricultural and Biological Sciences																	
1.1 Agriculture																	
1.1.1 Agricultural Business, Economics			▲														
1.1.2 Agronomy (Crop/Soil Science)			▣														
1.1.3 Animal Poultry Science			▣														
1.1.4 Entomology - Apiculture/Agriculture			◪														
1.1.5 Environmental Biology/Soil Science		●	▣														
1.1.6 Farm Operators and Managers			†														
1.1.7 Food and Dairy Science			▣														
1.1.8 Horticulture Science/Business			▲														
1.1.9 Plant Protection			●														
1.2 Biology																	
1.2.1 Biology, Biological Sciences/Engineering	◪	◪	▣	◪	◪	◪	◪	◪			◪	◪	▣	●	●	◪	◪
1.2.2 Biotechnology and Genetic Engineering		M				●		●									
1.2.3 Biotechnology, Applied Biotechnology	●	●				●	▣	◪					●				▣
1.2.4 Botany (Plant Sciences), Plant Biology	◪	◪	▣		◪			●			◪		●	◪		M	M
1.2.5 Cell/Cellular and Developmental Biology		M											●	●		M	M
1.2.6 Ecology and Evolution, Applied Ecology	M	M	●					◪					●	●			◪
1.2.7 History of Science														●			
1.2.8 Molecular Biology and Biotechnology/Genetics		◪	◪			◪		◪			●		●				M
1.2.9 Zoology	◪	◪	◪		◪			●			◪	●	●	◪		M	M
1.3 Biological Sciences, Other																	
1.3.1 Animal/Human Biology			◪			●		●			●	●					M
1.3.2 Biology and Pharmacology						●											
1.3.3 Fish and Wildlife/Fisheries Biology			◪					●				●					
1.3.4 Great Lakes Studies																●	
1.3.5 Marine Biology, Sciences			◪					●				●					
1.3.6 Microbiology, Immunology	M	●	▣	●			G	◪			◪		●	◪			
1.3.7 Toxicology and Pharmacology		M	▣					G			◪		●	●			
1.3.8 Veterinary Medicine			◪														
2. Education/Physical Education/Recreation																	
2.1 Education																	
2.1.1 Early Childhood Education	●		M							●	●	●		◪		●	■
2.1.2 Education	◪			◪	●	G	◪	●◪			◪	●		◪		◪	◪
2.1.3 Elementary Education	◪			◪	■		●	●			●	●		●		●	■
2.1.4 French Teaching Specialization							●						●				●
2.1.5 Science and Education													●			●	
2.1.6 Secondary Education	◪			◪			●	●			●	●	●	●		●	■
2.1.7 Special Education, Exceptional Children	M		M	●			●	●			◪	●		●			◪
2.2 Physical Education and Recreation																	
2.2.1 Health Studies, Health Care Practice	●				●	G	G	●			●		▣				

Codes:
● = undergraduate degree program
† = undergraduate diploma
■ = undergraduate degree and diploma programs
⌟ = undergraduate and graduate programs
▲ = undergraduate, graduate and diploma programs
G = graduate study only
M = minor specialization only
✱ = check with university for details
▣ = co-operative program is available. Check with university for details.

			Brock (St. Catharines)	Carleton (Ottawa)	Guelph (Guelph)	Lakehead (Thunder Bay)	Laurentian (Sudbury)	McMaster (Hamilton)	Ottawa (Ottawa)	Queen's (Kingston)	Royal Military College (Kingston)	Ryerson (Toronto)	Toronto (Toronto)	Trent (Peterborough)	Waterloo (Waterloo)	Western (London)	Wilfrid Laurier (Waterloo)	Windsor (Windsor)	York (Toronto)
	2.2.2	Kinesiology, Human Kinetics, Kinanthropology					●	G	⌟	⌟					▣			▣	M
	2.2.3	Physical Education, Physical Health Education	●			⌟	●	⌟		⌟			●		●	⌟	●		⌟
	2.2.4	Recreation	●			●	●	●	●						▣				M
3. Engineering and Applied Sciences																			
	3.1	**Applied Sciences**																	
	3.1.1	Applied Chemistry, Biochemistry			●			●											
	3.1.2	Applied Science			⌟	●		⌟		⌟	●		⌟		⌟				
	3.1.3	Architecture, Landscape Architecture		●	⌟							●	⌟		●				
	3.1.4	Atmospheric Chemistry Science																	⌟
	3.1.5	Earth Science, Environmental Hydrogeology		●	●		●		⌟				⌟		⌟				⌟
	3.1.6	Environmental Health/Science/Protection			●							●			●				
	3.1.7	Forestry, Forest Technology				⌟							⌟						
	3.1.8	Geological and Applied Earth Science	⌟						⌟				⌟		⌟				●
	3.1.9	Space and Communication Sciences																	⌟
	3.2	**Engineering**																	
	3.2.1	Aerospace Engineering		●								■	⌟						
	3.2.2	Agricultural Engineering			⌟														
	3.2.3	Ceramic Engineering						●					G						
	3.2.4	Chemical Biochemical Engineering				■	●	⌟	▣	⌟	G	■	⌟		▣	⌟			
	3.2.5	Civil Engineering		⌟		■	●	⌟	▣	⌟	⌟	■	⌟		▣	⌟		▣	
	3.2.6	Civil Engineering & Mechanics/Computer Systems						⌟											
	3.2.7	Computer Engineering		⌟				⌟	⌟	●	⌟		⌟		▣				
	3.2.8	Electrical Engineering		⌟		■		⌟	⌟	⌟	⌟	■	⌟		▣	⌟		▣	
	3.2.9	Engineering		⌟	▣		●	●		⌟			⌟		▣	G		▣	
	3.2.10	Engineering and Management		●				●	▣	●	⌟				▣				
	3.2.11	Engineering Physics				■		⌟		⌟	●		⌟						
	3.2.12	Environmental Engineering			●		●						G		M			▣	
	3.2.13	Fuels/Chemical and Materials Engineering		G							●		⌟						
	3.2.14	Geological Engineering								⌟			⌟		●			G	
	3.2.15	Industrial Engineering, Design	●									■	⌟					▣	
	3.2.16	Manufacturing Engineering						●											
	3.2.17	Mathematics and Engineering								●					●				
	3.2.18	Mechanical Engineering		⌟		■	●	⌟	▣	⌟	⌟	■	⌟		▣	⌟		▣	
	3.2.19	Metallurgical Engineering					●	⌟		⌟			⌟						
	3.2.20	Mining Engineering					●			⌟									
	3.2.21	Systems Design Engineering and Computing		⌟	●			●							⌟				
	3.2.22	Water Resources Engineering			▣										M				
4. Fine and Applied Arts																			
	4.1	**Art, Fine Arts, Theatre**																	
	4.1.1	Art History, Education	●	●	●	●		●	●	⌟			⌟	●	●	●		●	⌟
	4.1.2	Art, Fine Arts, Painting	●	M	●	●		●	●	●			⌟	M	●	●	●	⌟	⌟
	4.1.3	Arts Administration	M						●				●		M				G
	4.1.4	Dance				●		●				†			●	M			⌟
	4.1.5	Drama, Dramatic Art, Drama-in-Education	●	M	⌟	●		●		●		†	⌟	●	●	●	M	●	⌟
	4.1.6	Film, Cinema	●	●			M	●		●			●	●	●	●	●	⌟	⌟
	4.1.7	Graphic Communications Management										●							
	4.1.8	Interior Design										●							
	4.1.9	Medical Illustration											●						
	4.1.10	Photographic Arts							●			●							●

Codes:
● = undergraduate degree program
† = undergraduate diploma
■ = undergraduate degree and diploma programs
❑ = undergraduate and graduate programs
▲ = undergraduate, graduate and diploma programs
G = graduate study only
M = minor specialization only
* = check with university for details
■ = co-operative program is available. Check with university for details.

			Brock (St. Catharines)	Carleton (Ottawa)	Guelph (Guelph)	Lakehead (Thunder Bay)	Laurentian (Sudbury)	McMaster (Hamilton)	Ottawa (Ottawa)	Queen's (Kingston)	Royal Military College (Kingston)	Ryerson (Toronto)	Toronto (Toronto)	Trent (Peterborough)	Waterloo (Waterloo)	Western (London)	Wilfrid Laurier (Waterloo)	Windsor (Windsor)	York (Toronto)
	4.1.11	Radio & Television Arts, Communication Studies		●								●						❑	●
	4.1.12	Studio Art	●		●			●	●	●			●	M	●	●		❑	❑ ●
	4.1.13	Theatre, Technical/Production/Music, Theatre Arts	●	M			●		●	●		†		M	●			●	❑ ●
	4.2	**Music**																	
	4.2.1	Music	●	■	●	●	●	●	❑	●			○		●	❑	■	●	❑
	4.2.2	Music Criticism		●				G											●
	4.2.3	Music Education	●					●	●	●			❑			❑		●	●
	4.2.4	Music Ethnomusicology, Musicology		●					❑							G			❑
	4.2.5	Music History, Literature	●	●		*		●	●	●			●	M		●		●	●
	4.2.6	Music Performance, Applied Music	●	●	●	*		*	❑	■			❑			❑		●	●
	4.2.7	Music Theory, Composition	●	●		*		●	❑	●			❑			❑			●
	4.2.8	Music Therapy													*		●	●	
5. General Arts and Science																			
	5.1	**General Arts and Science**																	
	5.1.1	Arts & Science						●						●					
	5.1.2	General Arts	●		●	●		●	●	●		†		●	●		●		❑
	5.1.3	General Science	●		●	●	●	●	●	●				●	●		●	●	❑
6. Health Professions and Medical Sciences																			
	6.1	**Health Professions and Medical Sciences**																	
	6.1.1	Biochemistry, Clinical Biochemistry	●	●	❑		●	❑	❑	❑			❑	●	❑	❑		❑	M
	6.1.2	Biomedical and Health Science			●														
	6.1.3	Biophysics	●	M	❑			G					❑		*	●			M
	6.1.4	Dental Surgery, Dentistry											❑			●			
	6.1.5	Genetics	M	M				●	❑	❑			❑		*	●		M	M
	6.1.6	Medicine						❑	❑	❑			❑			❑			
	6.1.7	Neurosciences	●		❑			G	G				●			G			
	6.1.8	Nursing				●	●	●	●	●		■	❑			❑		■	
	6.1.9	Occupational Therapy, Physical Therapy, Physioth.				*		●	●	❑			●			❑			
	6.1.10	Optometry													❑				
	6.1.11	Pharmacology						❑	G	G			❑			❑			
	6.1.12	Pharmacy											❑						
	6.1.13	Physiology							❑	G			❑		G	❑			
7. Humanities and Related Courses																			
	7.1	**Independent Studies**																	
	7.1.1	Independent Studies, Experimental Programs		●	●								●	●	●				●
	7.2	**Languages and Literature**																	
	7.2.1	Canadian Literature		M									❑	●			G		
	7.2.2	Classics	●	❑	●	M	●	❑	❑	❑			❑	●	●	❑	●	●	●
	7.2.3	Communication Arts	●	*					●	●							●	❑	
	7.2.4	Comparative Literature		G				●					G	●				●	
	7.2.5	Creative/Professional/Technical Writing																❑	●
	7.2.6	English Language and Literature	●	❑	❑	❑	●	❑	❑	❑	○		❑	●	❑	❑	●	❑	❑
	7.2.7	English Rhetoric & Professional Writing													❑				
	7.2.8	Estonian												●					
	7.2.9	Finnish												●					
	7.2.10	French Language and Literature, Linguistics	●	❑	●	●	❑	❑	❑	❑			❑	●	❑	❑	●	●	■
	7.2.11	French/Teaching Specialization				*									●				*
	7.2.12	German Language and Literature	●	❑	●	M	●	❑	●	○			❑	●	❑	●	●	●	●
	7.2.13	Greek Language and Literature, Studies	●	❑	●	M	M	●	❑	●			❑	●	●	❑	●		●

Codes:
● = undergraduate degree program
? = undergraduate diploma
■ = undergraduate degree and diploma programs
❑ = undergraduate and graduate programs
▲ = undergraduate, graduate and diploma programs
G = graduate study only
M = minor specialization only
* = check with university for details
▦ = co-operative program is available. Check with university for details

			Brock (St. Catharines)	Carleton (Ottawa)	Guelph (Guelph)	Lakehead (Thunder Bay)	Laurentian (Sudbury)	Mt. Allison (Hamilton)	Ottawa (Ottawa)	Queen's (Kingston)	Royal Military College (Kingston)	Ryerson (Toronto)	Toronto (Toronto)	Trent (Peterborough)	Waterloo (Waterloo)	Western (London)	Wilfrid Laurier (Waterloo)	Windsor (Windsor)	York (Toronto)
	7.2.14	Humanities											●						●
	7.2.15	Italian Language and Literature	●	●	●		●	●	●	●			▲		M			●	●
	7.2.16	Journalism		▲								●				G		*	
	7.2.17	Languages and Literature																	●
	7.2.18	Latin Language and Literature	●	▲	●	M	M	M	▲	●			▲	●	●	▲	●	●	●
	7.2.19	Linguistics, Applied Linguistics	●	●		M		M	▲	●			▲	*		●			●
	7.2.20	Mass Organizational/Social Communications	●	●						●				*				●	●
	7.2.21	Modern Languages and Linguistics						●						●				●	●
	7.2.22	Multicultural Studies																●	
	7.2.23	Polish Language and Literature						*					●		*				*
	7.2.24	Portuguese Language and Literature											▲						*
	7.2.25	Renaissance Literature											●						
	7.2.26	Roman Studies						G	▲	*			●	*					
	7.2.27	Russian Slavic Serbo Croatian Language and Literature	●	●			●	●	▲	●			▲		❑	●		●	●
	7.2.28	Second Language Teaching	●	●									*			*			
	7.2.29	Spanish Language and Literature	●	▲	●	M	●	●	▲	▲			▲	●	●	▲	●	●	●
	7.2.30	Translation, Interpretation	M	*			●		▲	●			G						●
	7.2.31	Ukrainian Language and Literature						*	▲				●		*				*
	7.2.32	Western Literature and Civilization														●			
	7.3	**Philosophy and Religious Studies**																	
	7.3.1	Missionary Sciences, Theological Studies, Canon Law	G					G	▲	▲			▲		●	G	G		
	7.3.2	Philosophy	▲	▲	▲	●	●	▲	▲	▲			▲	●	▲	▲	●	❑	▲
	7.3.3	Religion, Religious Studies		▲		●	●	▲	▲	●			▲	*	●	●	▲	❑	●
8. Mathematical and Physical Sciences																			
	8.1	**Mathematics**																	
	8.1.1	Actuarial Science		M		●				●			●		▲	●		●	●
	8.1.2	Algebra	*	▲					▲	▲			▲	*	*				●
	8.1.3	Analysis	*	▲					▲	▲			▲	*	*	▲			●
	8.1.4	Applied/Applicable Mathematics	*	●	▲				❑	▲	●		▲		❑	▲		▲	▲
	8.1.5	Combinatorics and Optimization		▲				*		▲			▲		G				
	8.1.6	Computation						G	▲				▲		*				●
	8.1.7	Computer Science & Psychology	●					●						●	❑				▲
	8.1.8	Computer Science, Computer Studies	●	❑	❑	▲	●	▲	❑	▲	G	●	▲	●	❑	▲	●	●	●
	8.1.9	Geometry		▲						▲			▲		*				M
	8.1.10	Logic		M				*	▲	*			●	*	*				▲
	8.1.11	Mathematical Sciences, Mathematics, Pure Mathematics	●	▲	▲	▲	●	▲	❑	▲	G		▲	●	❑	▲	●	▲	▲
	8.1.12	Mathematics and Physics	●	●		●		●	●	●			▲	●	●			●	▲
	8.1.13	Mathematics for Commerce											▲		*				●
	8.1.14	Mathematics/CA CMA/Business Admin. Options	*					*						*	●		●	●	●
	8.1.15	Mathematics/Teaching Option	●							●			G	●	●	●			●
	8.1.16	Operations Research	*	●						●			▲		❑				*
	8.1.17	Probability	*	▲						●			▲		*				▲
	8.1.18	Statistics, Statistics and Mathematics	*	▲	▲			▲		▲			▲	*	❑	▲	●	▲	▲
	8.2	**Physics**																	
	8.2.1	Astronomy		M			M			▲			▲	*	*	▲			▲
	8.2.2	Chemical Physics		●	▲			▲		▲			▲	*	▲				G
	8.2.3	Geophysics, Space Physics/Science, Astrophysics		●				*		▲	●		▲		●	▲			▲
	8.2.4	Mathematical Physics		●		●		M	●	●			▲	*	*				M
	8.2.5	Meteorology											▲						*
	8.2.6	Physics, Physics (Theory)	▲	▲	❑	▲	▲	▲	▲	▲	▲		▲	▲	❑	▲	●	▲	▲

Codes:
● = undergraduate degree program
† = undergraduate diploma
■ = undergraduate degree and diploma programs
⌟ = undergraduate and graduate programs
▲ = undergraduate, graduate and diploma programs
G = graduate study only
M = minor specialization only
* = check with university for details
▦ = co-operative program is available. Check with university for details.

		Brock (St. Catharines)	Carleton (Ottawa)	Guelph (Guelph)	Lakehead (Thunder Bay)	Laurentian (Sudbury)	McMaster (Hamilton)	Ottawa (Ottawa)	Queen's (Kingston)	Royal Military College (Kingston)	Ryerson (Toronto)	Toronto (Toronto)	Trent (Peterborough)	Waterloo (Waterloo)	Western (London)	Wilfrid Laurier (Waterloo)	Windsor (Windsor)	York (Toronto)
8.2.7	Theoretical Physics and Applied Mathematics		●				●		⌟			⌟		*				●
8.3	**Physical Sciences: Other**																	
8.3.1	Chemistry, Inorganic/Organic/Physical	⌟	⌟	▦	▦	⌟	⌟	⌟	⌟	⌟		⌟	⌟	▦	⌟	●	⌟	⌟
8.3.2	Fuel and Energy Science				M							⌟						
8.3.3	Geology	⌟	⌟		⌟	⌟	⌟	⌟	⌟			⌟		▦	⌟		⌟	M
8.3.4	Laboratory Science										■							
8.3.5	Materials Science/Materials Engineering		G				⌟			G		⌟			⌟		▦	
8.3.6	Metallurgy						●		⌟			⌟		*				
8.3.7	Science, Technology and Society		M														●	
8.3.8	Survey Science, Engineering										■	●						
9	**Social Sciences and Related Courses**																	
9.1	**Business, Commerce, Economics**																	
9.1.1	Accounting, Accountancy	●	*		●		M	●	⌟				*	▦				⌟
9.1.2	Administration, Administrative Studies	●			●		M	⌟	*			●	●	●	●			⌟
9.1.3	Administration, Public	⌟	▦	⌟		†	*	M	G		●	*	●	●	■		●	⌟
9.1.4	Administrative and Information/Office/Personnel Studies	●	M				*		⌟		■	*	*	M	⌟			
9.1.5	Business Economics	●		●			●		⌟				●		G		●	⌟
9.1.6	Business, Business Administration	●	M	M	●	⌟	▦	⌟	⌟		■	●	●		⌟	▦	⌟	⌟
9.1.7	Commerce		●	●	●	●	●	●	●	●		●					⌟	M
9.1.8	Computer Information Systems/and Human Behaviour		M	●													●	
9.1.9	Economics	●	⌟	▦	⌟	●	⌟	⌟	⌟	●		⌟	●	▦	⌟	●	⌟	⌟
9.1.10	Engineering and Management		●				●	G	*	⌟				G				
9.1.11	Finance, Industry and Finance	●	M	●			M	●	⌟						⌟			⌟
9.1.12	Hospitality & Tourism Management										●							
9.1.13	Hotel and Food Administration			●							†							
9.1.14	Human Resources and Labour Relations		M		●		M		⌟									⌟
9.1.15	Industrial, Labour Relations	●	M				M	*	G			G	*		⌟			⌟
9.1.16	Institutional Foodservice Management			●														
9.1.17	International Business/Trade		●				M	M	⌟					●	G			⌟
9.1.18	Management, Management Sciences, Business Management, Management Economics	●	⌟	●	●		G	▦	⌟		■	●	*	G	⌟			⌟
9.1.19	Marketing	●	*	●	●		M	●	⌟			G	*		G			⌟
9.1.20	Native Management and Economic Development												■					
9.1.21	Resource Management			●				●				*		*				●
9.1.22	Science & Business													●				
9.2	**Canadian and International Studies**																	
9.2.1	African Studies			M								●						●
9.2.2	American Studies											●						
9.2.3	Asian Studies	●	M				M					⌟					●	●
9.2.4	Canadian Studies	●	⌟	●		●	M	●	●			●	⌟	M		●	●	●
9.2.5	Chinese Studies, Chinese					M	*					⌟		*				●
9.2.6	Classical Studies, Civilization	●	●	●		M	●	⌟	⌟			⌟	●	●	●	●	●	●
9.2.7	Comparative Development Studies												●					
9.2.8	Czech and Slovak Studies											●						
9.2.9	Hungarian Studies, Hungarian											●						
9.2.10	Indian, Eskimo, Native Studies		M		*	●	*					●	⌟					
9.2.11	Japanese Studies, Japanese						●		*			●		*				*
9.2.12	Jewish Studies, Hebrew						*					⌟						*
9.2.13	Latin-American, Caribbean Studies		M						●			●	*				●	●
9.2.14	Middle and Near Eastern Studies											⌟	*	M				

Codes:
● = undergraduate degree program
† = undergraduate diploma
■ = undergraduate degree and diploma programs
❑ = undergraduate and graduate programs
▲ = undergraduate, graduate and diploma programs
G = graduate study only
M = minor specialization only
* = check with university for details
▣ = co-operative program is available. Check with university for details.

		Brock (St. Catharines)	Carleton (Ottawa)	Guelph (Guelph)	Lakehead (Thunder Bay)	Laurentian (Sudbury)	McMaster (Hamilton)	Ottawa (Ottawa)	Queen's (Kingston)	Royal Military College (Kingston)	Ryerson (Toronto)	Toronto (Toronto)	Trent (Peterborough)	Waterloo (Waterloo)	Western (London)	Wilfrid Laurier (Waterloo)	Windsor (Windsor)	York (Toronto)
9.2.15	Military and Strategic, Peace Studies						M			●		●		M				
9.2.16	Soviet, Russian Studies	●	▣						●			▣		●				
9.2.17	Third World Studies												*			*		
9.3	**Food Sciences**																	
9.3.1	Applied Human Nutrition			▣							●							
9.3.2	Food Science/Engineering			❑				●			●	▣			●			
9.3.3	Nutritional Sciences, Dietetics			▣				●			●	▣			●			
9.4	**History**																	
9.4.1	Ancient History, Civilization	●	●				M	▣	●			●	●	●				M
9.4.2	Assyriology											●						
9.4.3	Celtic Studies											●						
9.4.4	Egyptology											●						
9.4.5	History	●	▣	▣	▣	▣	▣	❑	▣	▣		▣	▣	❑	▣	❑	▣	▣
9.4.6	Medieval, Renaissance Studies	●	M					▣	▣			▣	*	●				M
9.5	**Home Economics**																	
9.5.1	Clothing and Textiles, Design Fashion			M							■				●			
9.5.2	Consumer Studies			▣							●							
9.5.3	Home Economics														●			
9.6	**Political Science**																	
9.6.1	Canadian Politics	▣	▣	▣	*		M	▣	*				*	*				M
9.6.2	International Affairs, Relations, Studies	▣	▣	▣	*		M	▣	*			▣	*	M			*	■
9.6.3	International Development, Studies		▣	●				G	G			●	*					
9.6.4	Political Science, Politics, Political and Economic Science	▣	▣	▣	●	●	▣	▣	▣	●		▣	●	❑	▣	❑	▣	▣
9.6.5	Social and Political Thought		▣					▣										▣
9.7	**Regional Studies**																	
9.7.1	Community, Urban, Regional Planning	●	M	G			*		G		●	G		❑			▣	G
9.7.2	Environmental Studies/Education	●	M	M			G		*			▣	▣	❑				▣
9.7.3	Geography and Environmental Studies/Science	●	●	▣	*		●				●		▣					
9.7.4	Geography, Applied Geography	●	▣	▣	●	●	▣	❑	▣		●	▣	▣	❑	▣	❑	▣	▣
9.7.5	Resources Conservation/Management			❑								G	*	*	●		●	G
9.7.6	Urban Studies, Urbanism/Urban Development	●	M				G		G			▣	*	▣	●	●	●	▣
9.8	**Social Sciences: Other**																	
9.8.1	Anthropology		▣	●	●	●	▣	●	●			▣	▣	●	▣	●	●	▣
9.8.2	Archaeology	●			*		M	▣	*			▣	●	*		*		
9.8.3	Child Studies	●		●		▣												
9.8.4	Cognitive Science								●			●						
9.8.5	Communication, Culture and Society	●	G						●				*			*	●	
9.8.6	Criminology		●					▣	*			▣					■	
9.8.7	Family and Social Relations, Family Science/Studies			❑							●						●	
9.8.8	Gerontology			●			●				G			M/G			*	
9.8.9	Health and Society, Health Promotion and Education	●													†			●
9.8.10	Labour Studies	●	M				●					●						●
9.8.11	Law		*					▣	▣			▣			●		●	▣
9.8.12	Law and Justice/Medicine/Morality/Society					●						●						●
9.8.13	Library Science				†						G			G				
9.8.14	Media Practices																●	
9.8.15	Organization and Career Development																†	
9.8.16	Prevention of Early School Failure														†			
9.8.17	Psychology	●	▣	❑	▣	●	▣	▣	▣			▣	●	●	▣	❑	▣	▣
9.8.18	Settlement Studies			●														

Codes:
● = undergraduate degree program
† = undergraduate diploma
■ = undergraduate degree and diploma programs
❑ = undergraduate and graduate programs
▲ = undergraduate, graduate and diploma programs
G = graduate study only
M = minor specialization only
* = check with university for details
■ = co-operative program is available. Check with university for details.

		Brock (St. Catharines)	Carleton (Ottawa)	Guelph (Guelph)	Lakehead (Thunder Bay)	Laurentian (Sudbury)	McMaster (Hamilton)	Ottawa (Ottawa)	Queen's (Kingston)	Royal Military College (Kingston)	Ryerson (Toronto)	Toronto (Toronto)	Trent (Peterborough)	Waterloo (Waterloo)	Western (London)	Wilfrid Laurier (Waterloo)	Windsor (Windsor)	York (Toronto)
9.8.19	Social Development Studies													■				
9.8.20	Social Work/Welfare		❑		●	●	●				■	G	●	†	●	M10	❑	❑
9.8.21	Society/Technology and Values/Science Technology and Culture											●		M				●
9.8.22	Sociology	●	❑	❑	❑	●	❑	❑	❑			❑	●	❑	❑	●	❑	❑
9.8.23	Women's Studies	●	●	●	M	M	●	●	●			●	●	M	●	M	M	●

How to use this directory

To find a subject in the chart:

1. locate the desired program name in this index;
2. note the code number that follows this name; and
3. turn back to the appropriate numerically coded listing in the chart.

For example, "Agricultural Engineering" and a cross-reference, "Engineering, Agricultural" are listed alphabetically in the index, each with the code number "3.2.2". This code number can be found in numerical sequence in the chart, where it will be seen that "Agricultural Engineering" is offered at one of Ontario's universities.

Accountancy 9.1.1
Accounting, Accountancy 9.1.1
Actuarial Science 8.1.1
Administration, Administrative Studies 9.1.2
Administration, Arts 4.1.3
Administration, Public 9.1.3
Administrative Studies, Administration 9.1.2
Administrative and Information/Office/Personnel Studies 9.1.4
Aerospace Engineering 3.2.1
African Studies 9.2.1
Agricultural Business, Economics 1.1.1
Agricultural Engineering 3.2.2
Agricultural and Biological Sciences 1
Agriculture 1.1
Agriculture/Apiculture - Entomology 1.1.4
Agronomy (Crop/Soil Science) 1.1.2
Algebra 8.1.2
American Studies 9.2.2
Analysis 8.1.3
Ancient History, Civilization 9.4.1
Animal Poultry Science 1.1.3
Animal/Human Biology 1.3.1
Anthropology 9.8.1
Apiculture/Agriculture - Entomology 1.1.4
Applied Biotechnology 1.2.3
Applied Chemistry, Biochemistry 3.1.1
Applied Ecology, Ecology and Evolution 1.2.6
Applied Geography, Geography 9.7.4
Applied Human Nutrition 9.3.1
Applied Linguistics, Linguistics 7.2.19
Applied Mathematics and Theoretical Physics 8.2.7
Applied Science 3.1.2
Applied Sciences 3.1
Applied/Applicable Mathematics 8.1.4
Archaeology 9.8.2
Architecture, Landscape Architecture 3.1.3
Art History, Education 4.1.1
Art, Fine Arts, Painting 4.1.2
Art, Fine Arts, Theatre 4.1
Art, Studio 4.1.12
Arts & Science 5.1.1
Arts Administration 4.1.3
Arts, Communication 7.2.3
Arts, General 5.1.2
Asian Studies 9.2.3
Assyriology 9.4.2
Astronomy 8.2.1
Astrophysics, Space Physics/Science, Geophysics 8.2.3
Atmospheric Chemistry/Science 3.1.4
Biochemical/Chemical Engineering 3.2.4
Biochemistry, Applied Chemistry 3.1.1
Biochemistry, Clinical Biochemistry 6.1.1
Biological Sciences, Biology/Engineering 1.2.1
Biology 1.2
Biology and Pharmacology 1.3.2
Biology, Animal/Human 1.3.1
Biology, Biological Sciences/Engineering 1.2.1
Biology, Environmental/Soil Science 1.1.5
Biology, Fish and Wildlife/Fisheries 1.3.3
Biology, Plant/Botany (Plant Sciences) 1.2.4
Biomedical and Health Science 6.1.2
Biophysics 6.1.3
Biotechnology and Genetic Engineering 1.2.2
Biotechnology and Molecular Biology/Genetics 1.2.8
Biotechnology, Applied Biotechnology 1.2.3
Botany (Plant Sciences), Plant Biology 1.2.4
Business & Science 9.1.22
Business Administration, Business 9.1.6
Business Economics 9.1.5
Business Management, Management Sciences, Management, Management Economics 9.1.18
Business, Agricultural Economics 1.1.1
Business, Business Administration 9.1.6
Business, Commerce, Economics 9.1
Business, Horticulture Science 1.1.8
Business, International/Trade 9.1.17
Canadian Literature 7.2.1
Canadian Politics 9.6.1
Canadian Studies 9.2.4
Canadian and International Studies 9.2
Canon Law, Missionary Sciences, Theological Studies 7.3.1
Caribbean, Latin-American Studies 9.2.13
Cell/Cellular and Developmental Biology 1.2.5
Cellular and Developmental Biology 1.2.5
Celtic Studies 9.4.3
Ceramic Engineering 3.2.3
Chemical Physics 8.2.2
Chemical/Biochemical Engineering 3.2.4
Chemical/Fuels and Materials Engineering 3.2.13
Chemistry, Applied - Biochemistry 3.1.1
Chemistry, Atmospheric/Science 3.1.4
Chemistry, Inorganic/Organic/Physical 8.3.1
Child Studies 9.8.3
Chinese Studies, Chinese 9.2.5
Chinese, Chinese Studies 9.2.5
Civil Engineering 3.2.5
Civil Engineering & Mechanics/Computer Systems 3.2.6
Civilization and Western Literature 7.2.32
Civilization, Ancient History 9.4.1
Civilization, Classical Studies 9.2.6
Classical Studies, Civilization 9.2.6
Classics 7.2.2
Clothing and Textiles, Design Fashion 9.5.1
Cognitive Science 9.8.4
Combinatorics and Optimization 8.1.5
Commerce 9.1.7
Communication Arts 7.2.3
Communication Studies, Radio & Television Arts 4.1.11
Communication and Space Sciences 3.1.9
Communication, Culture and Society 9.8.5
Communications, Mass/Organizational/Social 7.2.20
Community, Urban, Regional Planning 9.7.1
Comparative Development Studies 9.2.7
Comparative Literature 7.2.4
Computation 8.1.6
Computer Engineering 3.2.7
Computer Information Systems/and Human Behaviour 9.1.8
Computer Science & Psychology 8.1.8
Computer Science, Computer Studies 8.1.9
Computer Studies, Computer Science 8.1.9
Computer Systems/Civil Engineering & Mechanics 3.2.6
Computing/Systems Design Engineering and 3.2.21
Consumer Studies 9.5.2
Creative/Professional/Technical Writing 7.2.5
Criminology 9.8.6
Crop/Soil Science (Agronomy) 1.1.2
Culture and Science Technology/Society/Technology and Values 9.8.21
Culture, Communication and Society 9.8.5
Czech and Slovak Studies 9.2.8
Dairy and Food Science 1.1.7
Dance 4.1.4
Dental Surgery, Dentistry 6.1.4
Dentistry, Dental Surgery 6.1.4
Design, Industrial Engineering 3.2.15
Design, Interior 4.1.8
Development Studies, Comparative 9.2.7
Developmental and Cellular Biology 1.2.5
Dietetics, Nutritional Sciences 9.3.3
Drama, Dramatic Art, Drama-in-Education 4.1.5
Drama-in-Education, Drama, Dramatic Art 4.1.5
Dramatic Art, Drama, Drama-in-Education 4.1.5
Early Childhood Education 2.1.1
Earth Science, Environmental Hydrogeology 3.1.5
Earth, Applied and Geological Science 3.1.8
Ecology and Evolution, Applied Ecology 1.2.6
Ecology, Applied, Ecology and Evolution 1.2.6
Economic Development and Native Management 9.1.20
Economic and Political Science, Politics, Political Science 9.6.4
Economics 9.1.9
Economics, Agricultural Business 1.1.1
Economics, Business 9.1.5
Education 2.1
Education 2.1.2
Education and Science 2.1.5
Education, Art History 4.1.1
Education, Early Childhood 2.1.1
Education, Elementary 2.1.3
Education, Music 4.2.3
Education, Special; Exceptional Children 2.1.7

Education/Physical Education/Recreation 2
Egyptology 9.4.4
Electrical Engineering 3.2.8
Elementary Education 2.1.3
Energy Science and Fuel 8.3.2
Engineering 3.2
Engineering 3.2.9
Engineering Physics 3.2.11
Engineering and Applied Sciences 3
Engineering and Management 3.2.10
Engineering and Management 9.1.10
Engineering and Mathematics 3.2.17
Engineering, Aerospace 3.2.1
Engineering, Agricultural 3.2.2
Engineering, Ceramic 3.2.3
Engineering, Chemical/Biochemical 3.2.4
Engineering, Civil 3.2.5
Engineering, Computer 3.2.7
Engineering, Electrical 3.2.8
Engineering, Environmental 3.2.12
Engineering, Fuels/Chemical and Materials 3.2.13
Engineering, Geological 3.2.14
Engineering, Industrial, Design 3.2.15
Engineering, Management 3.2.10
Engineering, Manufacturing 3.2.16
Engineering, Mechanical 3.2.18
Engineering, Metallurgical 3.2.19
Engineering, Mining 3.2.20
Engineering, Survey Science 8.3.8
Engineering, Systems Design/and Computing 3.2.21
Engineering, Water Resources 3.2.22
Engineering/Biology, Biological Sciences 1.2.1
Engineering/Science, Food 9.3.2
English Language and Literature 7.2.6
English Rhetoric & Professional Writing 7.2.7
Entomology - Apiculture/Agriculture 1.1.4
Environmental Biology/Soil Science 1.1.5
Environmental Engineering 3.2.12
Environmental Health/Science/Protection 3.1.6
Environmental Hydrogeology, Earth Science 3.1.5
Environmental Protection/Health/Science 3.1.6
Environmental Science/Health/Protection 3.1.6
Environmental Studies/Education 9.7.2
Environmental and Geography Studies/Science 9.7.3
Estonian 7.2.8
Ethnomusicology, Music, Musicology 4.2.4
Evolution and Ecology, Applied Ecology 1.2.6
Exceptional Children, Special Education 2.1.7
Experimental Programs, Independent Studies 7.1.1
Family Science/Studies, Family and Social Relations 9.8.7
Family and Social Relations, Family Science/Studies 9.8.7
Farm Operators and Managers 1.1.6
Fashion, Clothing and Textiles, Design 9.5.1
Film, Cinema 4.1.6
Finance, Industry and Finance 9.1.11
Fine Arts, Art, Painting 4.1.2
Fine and Applied Arts 4
Finnish 7.2.9
Fish and Wildlife/Fisheries Biology 1.3.3
Fisheries/Fish and Wildlife Biology 1.3.3
Food Science/Engineering 9.3.2
Food Sciences 9.3
Food and Dairy Science 1.1.7
Food and Hotel Administration 9.1.13
Forestry, Forest Technology 3.1.7
French Language and Literature, Linguistics 7.2.10
French Teaching Specialization 2.1.4
French/Teaching Specialization 7.2.11
Fuel and Energy Science 8.3.2
Fuels/Chemical and Materials Engineering 3.2.13
General Arts 5.1.2
General Arts and Science 5
General Arts and Science 5.1
General Science 5.1.3
Genetic Engineering and Biotechnology 1.2.2
Genetics 6.1.5
Genetics/Biotechnology, Molecular Biology and 1.2.8
Geography and Environmental Studies/Science 9.7.3
Geography, Applied Geography 9.7.4
Geological Engineering 3.2.14
Geological and Applied Earth Science 3.1.8
Geology 8.3.3
Geometry 8.1.11
Geophysics, Space Physics/Science, Astrophysics 8.2.3
German Language and Literature 7.2.12
Gerontology 9.8.8
Graphic Communications Management 4.1.7
Great Lakes Studies 1.3.4
Greek Language and Literature, Studies 7.2.13
Health Care Practice 2.2.1
Health Physical Education, Physical Education 2.2.3
Health Professions and Medical Sciences 6
Health Professions and Medical Sciences 6.1
Health Studies, Health Care Practice 2.2.1
Health and Biomedical Science 6.1.2
Health and Society, Health Promotion and Education 9.8.9
Health, Environmental 3.1.6
Hebrew, Jewish Studies 9.2.12
History 9.4
History 9.4.5
History of Science 1.2.7
History, Art, Education 4.1.1
Home Economics 9.5
Home Economics 9.5.3
Horticulture Science/Business 1.1.8
Hospitality & Tourism Management 9.1.12
Hotel and Food Administration 9.1.13
Human Behaviour and Computer Information Systems 9.1.8
Human Kinetics 2.2.2
Human Resources and Labour Relations 9.1.14
Human/Animal Biology 1.3.1
Humanities 7.2.14
Humanities and Related Courses 7
Hungarian Studies, Hungarian 9.2.9
Hungarian, Hungarian Studies 9.2.9
Hydrogeology, Environmental/Earth Science 3.1.5
Illustration, Medical 4.1.9
Independent Studies 7.1
Independent Studies, Experimental Programs 7.1.1
Indian, Eskimo, Native Studies 9.2.10
Industrial Engineering, Design 3.2.15
Industrial, Labour Relations 9.1.15
Industry and Finance, Finance 9.1.11
Information Systems, Computer/and Human Behaviour 9.1.8
Information/Office/Personnel and Administrative Studies 9.1.4
Inorganic/Organic/Physical Chemistry 8.3.1
Institutional Foodservice Management 9.1.16
Interior Design 4.1.8
International Affairs, Relations, Studies 9.6.2
International Business/Trade 9.1.17
International Development, Studies 9.6.3
Italian Language and Literature 7.2.15
Japanese Studies, Japanese 9.2.11
Japanese, Japanese Studies 9.2.11
Jewish Studies, Hebrew 9.2.12
Journalism 7.2.16
Justice and Law/Medicine/Morality/Society 9.8.12
Kinanthropology 2.2.2
Kinesiology, Human Kinetics, Kinanthropology 2.2.2
Laboratory Science 8.3.4
Labour Relations and Human Resources 9.1.14
Labour Relations, Industrial 9.1.15
Labour Studies 9.8.10
Landscape Architecture 3.1.3
Language and Literature, Russian/Slavic/Serbo-Croatian 7.2.27
Languages and Literature 7.2
Languages and Literature 7.2.17
Latin Language and Literature 7.2.18
Latin-American, Caribbean Studies 9.2.13
Law 9.8.11
Law and Justice/Medicine/Morality/Society 9.8.12
Library Science 9.8.13
Linguistics, Applied Linguistics 7.2.19
Linguistics, Literature, French Language and 7.2.10
Linguistics, Modern Languages 7.2.21
Literature and English Language 7.2.6
Literature and German Language 7.2.12
Literature and Italian Language 7.2.15
Literature and Language, Russian/Slavic/Serbo-Croatian 7.2.27
Literature and Languages 7.2.17
Literature and Latin Language 7.2.18
Literature and Polish Language 7.2.23
Literature and Spanish Language 7.2.29
Literature and Ukranian Language 7.2.31
Literature, Canadian 7.2.1
Literature, Comparative 7.2.4
Literature, Linguistics, French Language and 7.2.10
Literature, Music History 4.2.5
Literature, Renaissance 7.2.25
Literature, Studies and Greek Language 7.2.13
Logic 8.1.12
Management and Engineering 9.1.10
Management, Engineering 3.2.10
Management, Graphic Communications 4.1.7

Management, Institutional Foodservice 9.1.16
Management, Management Sciences, Business Management, Management Economics 9.1.18
Management, Resource 9.1.21
Managers and Farm Operators 1.1.6
Manufacturing Engineering 3.2.16
Marine Biology, Sciences 1.3.5
Marketing 9.1.19
Mass/Organizational/Social Communications 7.2.20
Materials Science/Materials Engineering 8.3.5
Mathematical Physics 8.2.4
Mathematical Sciences, Mathematics, Pure Mathematics 8.1.13
Mathematical and Physical Sciences 8
Mathematics 8.1
Mathematics and Engineering 3.2.17
Mathematics and Physics 8.1.14
Mathematics and Statistics, Statistics 8.1.20
Mathematics for Commerce 8.1.15
Mathematics, Applied/Applicable 8.1.4
Mathematics, Pure Mathematics, Mathematical Mathematics 8.1.13
Mathematics/CA/CMA/Business Admin. Options 8.1.16
Mathematics/Teaching Option 8.1.17
Mechanical Engineering 3.2.18
Mechanics & Civil Engineering/Computer Systems 3.2.6
Media Practices 9.8.14
Medical Illustration 4.1.9
Medicine 6.1.6
Medicine, Veterinary 1.3.8
Medicine/Morality/Society/Justice and Law 9.8.12
Medieval, Renaissance Studies 9.4.6
Metallurgical Engineering 3.2.19
Metallurgy 8.3.6
Meteorology 8.2.5
Microbiology, Immunology 1.3.6
Middle and Near Eastern Studies 9.2.14
Military and Strategic, Peace Studies 9.2.15
Mining Engineering 3.2.20
Missionary Sciences, Theological Studies, Canon Law 7.3.1
Modern Languages and Linguistics 7.2.21
Molecular Biology and Biotechnology/Genetics 1.2.8
Morality/Society/Medicine/Justice and Law 9.8.12
Multicultural Studies 7.2.22
Music 4.2
Music 4.2.1
Music Criticism 4.2.2
Music Education 4.2.3
Music Ethnomusicology, Musicology 4.2.4
Music History, Literature 4.2.5
Music Performance, Applied Music 4.2.6
Music Theory, Composition 4.2.7
Music Therapy 4.2.8
Music/Technical/Production, Theatre, Theatre Arts 4.1.13
Musicology, Ethnomusicology, Music 4.2.4
Native Management and Economic Development 9.1.20
Native Studies, Indian, Eskimo 9.2.10
Near and Middle Eastern Studies 9.2.14
Neurosciences 6.1.7
Nursing 6.1.8
Nutritional Sciences, Dietetics 9.3.3
Occupational Therapy, Physical Therapy, Physioth. 6.1.9
Office/Information/Personnel and Administrative Studies 9.1.4
Operations Research 8.1.18
Optimization and Combinatorics 8.1.5
Optometry 6.1.10
Organic/Inorganic/Physical Chemistry 8.3.1
Organization and Career Development 9.8.15
Organizational/Social/Mass Communications 7.2.20
Painting, Art, Fine Arts 4.1.2
Peace, Military and Strategic Studies 9.2.15
Personnel/Information/Office and Administrative Studies 9.1.4
Pharmacology 6.1.11
Pharmacology and Biology 1.3.2
Pharmacology/and Toxicology 1.3.7
Pharmacy 6.1.12
Philosophy 7.3.2
Philosophy and Religious Studies 7.3
Photographic Arts 4.1.10
Physical Education and Recreation 2.2
Physical Education, Physical Health Education 2.2.3
Physical/Inorganic/Organic Chemistry 8.3.1
Physics 8.2
Physics (Theory), Physics 8.2.6
Physics and Mathematics 8.1.14
Physics, Chemical 8.2.2
Physics, Engineering 3.2.11
Physics, Mathematical 8.2.4
Physics, Physics (Theory) 8.2.6
Physiology 6.1.13
Physioth., Occupational and Physical Therapy 6.1.9
Plant Biology, Botany (Plant Sciences) 1.2.4
Plant Protection 1.1.9
(Plant Sciences) Botany, Plant Biology 1.2.4
Polish Language and Literature 7.2.23
Political Science 9.6
Political Science, Politics, Political and Economic Science 9.6.4
Politics, Canadian 9.6.1
Politics, Political Science, Political and Economic Science 9.6.4
Portuguese Language and Literature 7.2.24
Poultry, Animal Science 1.1.3
Prevention of Early School Failure 9.8.16
Probability 8.1.19
Production/Technical/Music, Theatre, Theatre Arts 4.1.13
Professional Writing & English Rhetoric 7.2.7
Professional/Technical/Creative Writing 7.2.5
Protection, Environmental 3.1.6
Protection, Plant 1.1.9
Psychology 9.8.17
Psychology & Computer Science 8.1.8
Pure Mathematics, Mathematics, Mathematical Sciences 8.1.13
Radio & Television Arts, Communication Studies 4.1.11
Recreation 2.2.4
Regional Planning, Community, Urban 9.7.1
Regional Studies 9.7
Religion, Religious Studies 7.3.3
Religious Studies, Religion 7.3.3
Renaissance Literature 7.2.25
Research, Operations 8.1.18
Resource Management 9.1.21
Resources Conservation/Management 9.7.5
Roman Studies 7.2.26
Russian/Slavic/Serbo-Croatian Language and Literature 7.2.27
Science & Business 9.1.22
Science and Education 2.1.5
Science, Actuarial 8.1.1
Science, Animal and Poultry 1.1.3
Science, Applied 3.1.2
Science, Biomedical and Health 6.1.2
Science, Cognitive 9.8.4
Science, Crop/Soil (Agronomy) 1.1.2
Science, Earth/Environmental Hydrogeology 3.1.5
Science, Environmental 3.1.6
Science, Food and Dairy 1.1.7
Science, Geological and Applied Earth 3.1.8
Science, Laboratory 8.3.4
Science, Soil/Environmental Biology 1.1.5
Science, Technology and Society 8.3.7
Science/Atmospheric Chemistry 3.1.4
Science/Engineering, Food 9.3.2
Sciences, Marine Biology 1.3.5
Sciences, Mathematical, Mathematics, Pure Mathematics 8.1.13
Sciences, Nutritional/Dietetics 9.3.3
Sciences, Space and Communication 3.1.9
Second Language Teaching 7.2.28
Secondary Education 2.1.6
Serbo-Croatian/Russian/Slavic Language and Literature 7.2.27
Settlement Studies 9.8.18
Slavic/Russian/Serbo-Croatian Language and Literature 7.2.27
Social Development Studies 9.8.19
Social Sciences and Related Courses 9
Social Sciences: Other 9.8
Social Welfare/Work 9.8.20
Social Work/Welfare 9.8.20
Social and Family Relations, Family Science/Studies 9.8.7
Social and Political Thought 9.6.5
Social/Organizational/Mass Communications 7.2.20
Society and Health, Health Promotion and Education 9.8.9
Society/Medicine/Morality/Justice and Law 9.8.12
Society/Technology and Values/Science Technology and Culture 9.8.21
Sociology 9.8.22
Soil Science/Environmental Biology 1.1.5
Soil/Crop Science (Agronomy) 1.1.2
Soviet, Russian Studies 9.2.16
Space Physics/Science, Geophysics Astrophysics 8.2.3
Space and Communication Sciences 3.1.9
Spanish Language and Literature 7.2.29
Special Education, Exceptional Children 2.1.7
Statistics, Statistics and Mathematics 8.1.20
Strategic, Peace and Military Studies 9.2.15
Studies, Great Lakes 1.3.4
Studies, Multicultural 7.2.22
Studies, Roman 7.2.26
Studio Art 4.1.12
Surgery, Dental - Dentistry 6.1.4
Survey Science, Engineering 8.3.8

Systems Design Engineering/and Computing 3.2.21
Teaching Option/Mathematics 8.1.17
Teaching Specialization, French 2.1.4
Teaching, Second Language 7.2.28
Technical/Creative/Professional Writing 7.2.5
Technical/Production/Music, Theatre, Theatre Arts 4.1.13
Technology and Values/Society/Science
Technology and Culture 9.8.21
Technology, Forest 3.1.7
Theatre Arts, Theatre, Technical/Production/Music 4.1.13
Theatre, Technical/Production/Music, Theatre Arts 4.1.13
Theological Studies, Missionary Sciences, Canon Law 7.3.1
Theoretical Physics and Applied Mathematics 8.2.7
Third World Studies 9.2.17
Tourism Management & Hospitality 9.1.12
Toxicology/and Pharmacology 1.3.7
Translation, Interpretation 7.2.30
Ukranian Language and Literature 7.2.31
Urban Studies, Urbanism/Urban Development 9.7.6
Urbanism/Urban Development, Urban Studies 9.7.6
Veterinary Medicine 1.3.8
Water Resources Engineering 3.2.22
Western Literature and Civilization 7.2.32
Women's Studies 9.8.23
Writing, Creative/Professional/Technical 7.2.5
Zoology 1.2.9

Brock University

St. Catharines

President: Dr. Terrence H. White

Undergraduate Enrolment 1990-91

Full-time	5538
Part-time	4031

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, please see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Accounting
Faculty of Business
Degree(s): Bachelor of Business Administration, Hon. (4 yrs); Bachelor of Accounting, Hon. (4 yrs); Bachelor of Accounting, Hon. Co-op (4 1/2 yrs).
Additional requirements: OAC English 1. Two OACs in mathematics.
These programs have limited enrolment.

Applied Language Studies
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.Ed. (Teaching English as a Second Language) (1 year following B.A.).
Additional requirements: OAC English 1.
Other requirements exist. Contact university for details.
The Bachelor of Education (TESL) does *not* lead to Ontario teacher certification.

Applied Linguistics
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Biochemistry
Faculty of Mathematics and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC biology. OAC chemistry. Either an OAC in mathematics or OAC physics. An OAC in English strongly recommended.

Biological Sciences
Faculty of Mathematics and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC biology. OAC chemistry. Either an OAC in mathematics or OAC physics. An OAC in English strongly recommended.

Biotechnology
Faculty of Mathematics and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC biology. OAC chemistry. Either an OAC in mathematics or OAC in physics. An OAC in English strongly recommended.
This program has limited enrolment.

Business Administration
Faculty of Business
Degree(s): Bachelor of Business Administration, Hon. (4 yrs); Bachelor of Accounting, Hon. (4 yrs); Bachelor of Accounting, Hon. Co-op (4 1/2 yrs).
Additional requirements: OAC English 1. Two OACs in mathematics.
These programs have limited enrolment.

Business Economics
Faculty of Business and Social Sciences
Degree(s): Bachelor of Business Economics (3 yrs).
Additional requirements: OAC English 1. An OAC in mathematics recommended.
This program has limited enrolment.

Canadian and European Community Studies
Faculty of Humanities
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Canadian Studies
Faculty of Humanities
Degrees: B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.

Chemistry
Faculty of Mathematics and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC chemistry. OAC physics.Two OACs in mathematics. An OAC in English strongly recommended.

Child Studies
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.
These programs have limited enrolment.

Child Studies - Education
Faculty of Social Sciences
Degree(s): B.A./B.Ed. (concurrent) (4 yrs).
Additional requirements: OAC English 1.
This program has limited enrolment.

Classics, Greek and Latin
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Communication Studies
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Computer Science and Information Processing
Faculty of Mathematics and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in English strongly recommended.

Economics
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Education, Concurrent with Arts
Faculty of Education
Degree(s): B.A./B.Ed. (concurrent) (4 yrs).
Additional requirements: An OAC in English.
This program has limited enrolment. It leads to Ontario Teaching Certification.

Education, Concurrent with Science
Faculty of Education
Degree(s): B.Sc./B.Ed. (concurrent) (4 yrs).
Additional requirements: Mathematics Program : two OAC mathematics, one OAC science, OAC English 1. Science program: two OAC sciences, one mathematics, OAC English1. Other requirements exist. Contact university for details.
This program has limited enrolment. It leads to Ontario Teaching Certification.

English Language and Literature
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Environmental Science
Faculty of Social Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC English 1, an OAC in mathematics, OAC biology, and OAC chemistry strongly recommended.

Film Studies
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Fine Arts, Contemporary Cultural Studies
Faculty of Humanities
Degree(s): B.A. Hon. (4 yrs).
Additional requirements: OAC English 1.

Fine Arts, Dramatic Arts
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Fine Arts, Theatre
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Fine Arts, Visual Arts
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.
These programs have limited enrolment.

French
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. 4 yrs).
Additional requirements: OAC English 1.

General Management
Faculty of Business
Degree(s): Bachelor of Business Administration, Hon. (4 yrs).
Additional requirements: OAC English 1. Two OACs in mathematics.
This program has limited enrolment.

Geography
Faculty of Social Sciences (Human Georgraphy)
Fculty of Math and Sciences (Physical)
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc.(3 yrs); B.Sc., Hon. (4 yrs).

Additional requirements: OAC English 1. OAC science for physical geography.

Geological Sciences
Faculty of Mathematics and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Two of OAC biology, OAC chemistry, and OAC physics. An OAC in English and an OAC in mathematics strongly recommended.

German
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Health Studies
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

History
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Italian
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Labour Studies
Faculty of Social Sciences
Degree(s): B.A. (3 yrs).
Additional requirements: OAC English 1.

Liberal Studies
Faculty of Humanities
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Mathematics
Faculty of Mathematics and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Two OACs in mathematics. An OAC in English and an additional OAC in mathematics strongly recommended.

Music
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Neuroscience
Faculty of Mathematics and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).

Philosophy
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Physical Education
Faculty of Physical Education and Recreation
Degree(s): Bachelor of Physical Education (3 yrs); Bachelor of Physical Education, Hon. (4 yrs).
Additional requirements: OAC English 1. These programs have limited enrolment.

Physics
Faculty of Mathematics and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC chemistry. OAC physics. Two OACs in mathematics. An OAC in English and an additional OAC in mathematics strongly recommended.

Politics
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Pre-Professional Studies for the Health Sciences
Faculty of Mathematics and Science
Degree(s): B.Sc. (3 yrs).
Additional requirements: OAC biology, OAC chemistry, and either OAC mathematics or OAC physics strongly recommended.

Psychology
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Recreation and Leisure Studies
Faculty of Physical Education and Recreation
Degree(s): Bachelor of Recreation and Leisure Studies (3 yrs); Bachelor of Recreation and Leisure Studies, Hon. (4 yrs).
Additional requirements: OAC English 1. These programs have limited enrolment.

Russian
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Sociology
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Spanish
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Urban and Environmental Studies
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC English 1. For B.Sc., an OAC in science as required by collateral department.
Co-op program available after year 2.

Women's Studies
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Special Programs

The Teaching of English as a Second Language (TESL) program is offered in two stages. During the first three years, students take theoretical courses to earn a B.A. (TESL). The second stage is a one-year B.Ed. (TESL) program; under the supervision of instructors from the Department of Applied Language Studies, students receive practical training in the teaching of English as a second language. The B.Ed. (TESL) does not lead to Ontario teacher certification.

For more information, contact the director of the Department of Applied Language Studies at the university.

Tuition Fees 1991-92

(including incidental fees)
Full- and part-time students $385.50 per course. A full-year program consisting of five courses is $1954.50.
International students:$1366 per course; five full courses: $6857.

Residence

Brock has three student residences. Students living in DeCew and Queenston residences must purchase a meal plan. Approximately 1014 students can be accommodated in total. Rooms are assigned on a random selection (lottery) basis; however, applicants with interim averages of 80% or higher are guaranteed a place in residence, as are students with disabilities.

Room Fees:

DeCew Residence	
single	$2210
double	$1990
Queenston Residence	
(Fees include a shuttle-bus pass.)	
single	$2210
double	$1990
Village Residence	
single	$2450 plus utilities

Meal Plan Fees:

DeCew Residence	
(Marriott meal plans)	
19 meals/week	$2116
14 meals/week	$2063
10 meals/week	$1998
Queenston Residence	
(General Hospital meal plans)	
Declining balance meal card	
Option I	$1425
Option II	$1825

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact one of the following at:
Brock University
St. Catharines, Ontario L2S 3A1
(416) 688-5550
Liaison Office, ext. 3245
Admissions, ext. 3434/3435
Financial Aid, ext. 3252/3253
Housing, ext. 3370

Carleton University

Ottawa

President: Dr. Robin H. Farquhar

Undergraduate Enrolment 1990-91

Full-time	13 104
Part-time	4 724

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, see the section on "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Major Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Aerospace Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: OAC calculus, OAC algebra & geometry, OAC chemistry, OAC physics. Either an OAC in English or OAC français recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Anthropology
Faculty of Social Science
Degree(s): B.A. (3 years); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Architecture
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Faculty of Engineering
Degree(s): Bachelor of Architecture, Hon. (5 yrs).
Additional requirements: OAC calculus, OAC algebra & geometry, OAC physics.
This program has limited enrolment.

Art History
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended. Other requirements exist. Contact university for details.

Biochemistry
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (5 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & OAC geometry, OAC biology, OAC chemistry, and OAC physics.

Biology
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A. (4 yrs).
Admission requirements: An OAC in English, OAC calculus, OAC algebra & geometry, and OAC chemistry strongly recommended.

Biotechnology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (5 yrs).
Admission requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
Biotechnology must be combined with Biology or Biochemistry.

Canadian Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English and OAC French strongly recommended. Other requirements exist. Contact university for details.

Chemistry
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Civil Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: OAC calculus, OAC algebra & geometry, OAC chemistry, OAC physics. Either an OAC in English or OAC français recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Commerce
Faculty of Social Science
Degree(s): B.Com., Hon. (4 yrs).
Admission requirements: OAC calculus. One of OAC algebra & geometry or finite mathematics. An OAC in English recommended.
This program has limited enrolment.

Computer Mathematics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC calculus, OAC algebra & geometry. An OAC in English strongly recommended.

Computer Science
Faculty of Science
Degree(s): Bachelor of Computer Science, Hon. (4 yrs); Bachelor of Computer Science, Hon., Co-op (5 yrs).
Additional requirements: OAC calculus, OAC algebra & geometry. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Computer Systems Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: OAC calculus, OAC algebra & geometry, OAC chemistry, OAC physics. Either an OAC in English or OAC français recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Criminology
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.
Students apply for the Criminology concentration at the end of their second year of study.

Economics
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English, OAC calculus, OAC algebra & geometry strongly recommended.

Electrical Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: OAC calculus, OAC algebra & geometry, OAC chemistry, OAC physics. Either an OAC in English or OAC French recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Engineering and Management
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: OAC calculus, OAC algebra & geometry, OAC chemistry, OAC physics. Either an OAC in English or OAC français recommended.
These programs have limited enrolment.

English
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Environmental Science
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Film, Cinema
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

French
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Geography
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Geology
Faculty of Science
Degree(s): B.Sc. (4 yrs); B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

German
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Greek
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

History
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Industrial Design
Faculty of Engineering
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Italian
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended. Other requirements exist. Contact university for details.

Journalism
Faculty of Arts
Degree(s): Bachelor of Journalism, Hon. (4 yrs).
Admission requirements: An OAC in English strongly recommended.
This program has limited enrolment.

Latin
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: An OAC in English strongly recommended.

Law
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.
This program does not lead to certification as a lawyer.

Linguistics
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Mass Communications
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Mathematics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English, OAC calculus, and OAC algebra & geometry strongly recommended.

Mathematics and Physics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Mechanical Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either an OAC in English or OAC français recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Music
Faculty of Arts
Degree(s): Diploma in Music (1 yr); B.A. (3 yrs); B.A., Hon. (4 yrs); B.Mus., Hon. (4 yrs).
Additional requirements: For the B.A., Hon. and the B.Mus., Hon. programs, an OAC in English strongly recommended.

Operations Research
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English, OAC calculus, and OAC algebra & geometry strongly recommended.

Philosophy
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Physics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Political Science and Politics
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Psychology
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Public Administration
Faculty of Social Science
Degree(s): Bachelor of Public Administration, Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.
This program has limited enrolment.

Religion
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Russian
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Social Work
Faculty of Social Science
Degree(s): Bachelor of Social Work, Hon. (4 yrs).
Additional requirements: An OAC in English recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Sociology
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Soviet, Russian Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Spanish
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Statistics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Two of OAC algebra & geometry, OAC biology,

OAC chemistry, and OAC physics.

Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English, OAC calculus, and OAC algebra & geometry strongly recommended.

Women's Studies
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English strongly recommended.

Special Programs
Integrated Science Studies
A Bachelor of Science major or honours program designed for those who wish to develop an understanding of the scientific method and at the same time to acquire a knowledge of the humanities, social sciences, or certain areas of engineering.
Directed Interdisciplinary Studies
A Bachelor of Arts pass or honours degree for students who wish to concentrate on a theme or field of interest outside the formal programs offered by departments, schools, or institutes. Students may choose courses from various disciplines bearing directly upon their interests. Committee approval of the pattern of chosen courses is required.

Tuition Fees 1990-91
(including incidental fees)
Full-time students

Arts, commerce, public administration, journalism, music, science, computer science	$1921.60 – $1936.60
Architecture, engineering, industrial design	$2061.60
Qualifying year	$2413.60

Part-time students
(per subject, including incidental fees)
Degree and non-degree programs
$369.04 full credit
$184.52 half credit

Residence 1990-91

Single rooms	$4200
Double rooms	$3770

Scholarships and Financial Assistance
Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information
Check the university calendar, available in your guidance office or local library, or contact:
Student Liaison and Publication Services
Room 315, Administration Building
Carleton University
Ottawa, Ontario K1S 5B6
(613) 788-3663
Toll-free (Ontario only) 1-800-267-7366

University of Guelph

Guelph

President: Brian Segal

Undergraduate Enrolment 1990-91

Full-time	11 463
Part-time	2 116

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs
Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Agribusiness
Degree(s): Associate Diploma in Agriculture (4 semesters).
Additional requirements: Year 4 mathematics. A background information sheet may be required. Other requirements exist. Contact university for details.
This program has limited enrolment.

Agricultural Business
Degree(s): B.Comm., Co-op (8 semesters); B.Comm. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics.
These programs have limited enrolment.

Agricultural Economics
Degree(s): B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.
Degree(s): B.Sc., Agriculture (8 semesters); B.Sc., Agriculture, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Either OAC biology or OAC chemistry. Either an additional OAC in mathematics or an additional OAC in science.
These programs have limited enrolment.

Agricultural Engineering
Degree(s): B.Sc., Engineering (8 semesters); B.Sc., Engineering, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two from OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Agronomy
Degree(s): B.Sc., Agriculture (8 semesters); B.Sc., Agriculture, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Either OAC biology or OAC chemistry. Either an additional OAC in mathematics or an additional OAC in science. These programs have limited enrolment.

AKADEMIA, Arts
Degree(s): B.A., AKADEMIA (2 semesters).
Additional requirements: OAC English 1. An OAC in mathematics. Either OAC biology, OAC chemistry, or OAC physics. Either an OAC in arts or an OAC in social studies. OAC calculus recommended.
This program has limited enrolment.

AKADEMIA, Science
Degree(s): B.Sc., AKADEMIA (2 semesters).
Additional requirements: OAC English 1. OAC calculus. Three of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. Either an OAC in arts or an OAC in social studies.
This program has limited enrolment.

Animal Biology
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Animal Sciences
Degree(s): B.Sc., Agriculture (8 semesters); B.Sc., Agriculture, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Either OAC biology or OAC chemistry. Either an additional OAC in mathematics or an additional OAC in science.
These programs have limited enrolment.

Applicable Mathematics
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Applied Biochemistry
Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC algebra & geometry recommended.
These programs have limited enrolment.

Applied Chemistry
Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC algebra & geometry recommended.
These programs have limited enrolment.

Applied Human Nutrition
Degree(s): B. Ap. Sc. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics. Either OAC biology or

OAC chemistry. OAC calculus recommended.
This program has limited enrolment.

Applied Mathematics and Statistics
Degree(s): B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

Biochemistry
Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC algebra & geometry recommended.
These programs have limited enrolment.

Biological Engineering
Degree(s): B.Sc., Eng. (8 semesters); B.Sc., Eng., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Biological Science
Degree(s): B.Sc. (6 semesters); B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC biology recommended.
These programs have limited enrolment.

Biomedical Science
Degree(s): B.Sc. (6 semesters); B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Biophysics
Degree(s): B.Sc. (6 semesters); B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus.Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC algebra & geometry recommended.
These programs have limited enrolment.

Canadian Studies
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Chemical Physics
Degree(s): B.Sc., Hon. (8 semesters); B.Sc. Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Chemistry
Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC algebra & geometry recommended.
These programs have limited enrolment.

Child Studies
Degree(s): B. Ap. Sc. (8 semesters); B. Ap. Sc., Co-op (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics. Either OAC biology or OAC chemistry. OAC calculus recommended.
These programs have limited enrolment.

Classical Studies
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Computing and Information Science
Degree(s): B.A. (6 semesters); B.A., Hon., (8 semesters); B.A., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC algebra & geometry recommended.
These programs have limited enrolment.

Consumer Studies
Degree(s): B. Ap. Sc. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics. Either OAC biology or OAC chemistry.OAC calculus recommended.
This program has limited enrolment.

Drama
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Earth and Atmosphere Science
Degree(s): B.Sc., Environmental Sciences (8 semesters); B.Sc. Environmental Sciences, Co-op (8 semesters)
Additional requirements: OAC English 1. OAC biology. OAC calculus. OAC chemistry. OAC physics.

Ecology
Degree(s): B.Sc., Envionmental Sciences (8 semesters).
Additional requirements: OAC English 1. OAC biology. OAC calculus. OAC chemistry. OAC physics.

Economics
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters); B.A., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Engineering Systems and Computing
Degree(s): B.Sc.Eng. (8 semesters); B.Sc.Eng., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

English
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Entomology
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Entomology with Apiculture
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Environmental Analysis
Degree(s): B.Sc., Environmental Sciences (8 semesters); B.Sc., Environmental Sciences, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC biology. OAC calculus. OAC chemistry. OAC physics.

Environmental Biology
Degree(s): B.Sc., Agriculture (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Either OAC biology or OAC chemistry. Either an additional OAC in mathematics or an additional OAC in science.
This program has limited enrolment.

Environmental Engineering
Degree(s): B.Sc.Eng. (8 semesters); B.Sc.Eng., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Three of OAC biology, OAC chemistry, OAC physics, and OAC computer studies.
These programs have limited enrolment.

Environmental Protection
Degree(s): B.Sc., Environmental Sciences (8 semesters); B.Sc., Environmental Sciences, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC biology. OAC calculus. OAC chemistry. OAC physics.

Environmetrics
Degree(s): B.Sc., Environmental Sciences (8 semesters); B.Sc., Environmental Sciences, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC biology. OAC calculus. OAC chemistry. OAC physics.

Family and Social Relations
Degree(s): B. Ap. Sc., Co-op (8 semesters); B. Ap. Sc. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics. Either OAC biology or OAC chemistry. OAC calculus recommended.
These programs have limited enrolment.

Farm Operators and Managers
Degree(s): Associate Diploma in Agriculture (4 semesters).
Additional requirements: OSSD. Year 4 mathematics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Fine Art
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Fisheries Biology
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Food and Dairy Science
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Food Engineering
Degree(s): B.Sc., Eng.(8 semesters); B.Sc., Eng., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Food Science
Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC algebra & geometry recommended.
These programs have limited enrolment.

French
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Geography
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Degree(s): B.Sc., Environmental Sciences (8 semesters).
Additional requirements: OAC English 1. OAC biology. OAC calculus. OAC chemistry.

German
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Gerontology
Degree(s): B.Ap.Sc., Co-op (8 semesters); B.Ap.Sc. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics. Either OAC biology or OAC chemistry. OAC calculus recommended.
These programs have limited enrolment.

Greek
Degree(s): B.A. (6 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or another OAC language recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

History
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Horticultural Science and Business
Degree(s): B.Sc., Agriculture (8 semesters); B.Sc., Agriculture, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Either OAC biology or OAC chemistry. Either an additional OAC in mathematics or an additional OAC in science.
These programs have limited enrolment.

Horticulture
Degree(s): Associate Diploma in Agriculture (4 semesters); Associate Diploma in Agriculture, Co-op (4 semesters).
Additional requirements: Year 4 mathematics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Hotel and Food Administration
Degree(s): B.Comm., Co-op (8 semesters); B.Comm. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics.
These programs have limited enrolment.

Housing and Real Estate Management
Degree(s): B.Comm. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics.
This program has limited enrolment.

Human Biology
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Human Kinetics
Degree(s): B.Sc., Human Kinetics (8 semesters).
Additional requirements: OAC English 1. OAC calculus. OAC chemistry. Two of OAC algebra & geometry, OAC biology, and OAC physics. OAC biology recommended.
This program has limited enrolment.

Information Systems and Human Behaviour
Degree(s): B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Institutional Foodservice Management
Degree(s): B.Comm. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics.
This program has limited enrolment.

International Development
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Italian
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Landscape Architecture
Degree(s): Bachelor of Landscape Architecture (10 semesters).
Additional requirements: OAC English 1. OAC biology. An OAC in mathematics. Either OAC geography, OAC visual arts, OAC French, OAC français, or other OAC languages. Other requirements exist. Contact university for details.
This program has limited enrolment.

Latin
Degree(s): B.A. (6 semesters)
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or another OAC language recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Management Economics
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Management Economics, Industry and Finance
Degree(s): B.Comm. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics.
This program has limited enrolment.

Marine Biology
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Marketing
Degree(s): B.Comm. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics.
This program has limited enrolment.

Mathematics
Degree(s): B.Sc., Hon. (8 semesters); B.A. (6 semesters); B.A. (8 semesters).
Additional requirements: OAC English 1. For the B.Sc., Hon. program: two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. For the B.A. programs: an OAC in mathematics recommended.
These programs have limited enrolment.

Mathematics, Physics, Chemistry and Computer Studies
Degree(s): MPC2 (2 semesters).
Additional requirements: OAC English 1. OAC calculus. OAC chemistry. OAC algebra & geometry. OAC physics. An additional OAC. Computer science course recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Microbiology
Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus.Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC biology recommended.
These programs have limited enrolment.

Molecular Biology and Genetics
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Music
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Natural Resources Management
Degree(s): B.Sc., Agriculture (8 semesters); B.Sc., Agriculture, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Either OAC biology or OAC chemistry. Either an additional OAC in mathematics or an additional OAC in science.

Degree(s): B.Sc., Environmental Sciences (8 semesters); B.Sc., Environmental Sciences, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC biology. OAC calculus. OAC chemistry.

Nutritional Sciences
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus.Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Personal Financial Planning
Degree(s): B.Ap.Sc. (8 semesters).
Additional requirements: OAC English 1. An OAC in mathematics. Either OAC biology or OAC chemistry. OAC calculus recommended.
This program has limited enrolment.

Philosophy
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Physical Geography
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus.Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Physical Science
Degree(s): B.Sc. (6 semesters); B.Sc., Hon. (8 semesters); B.Sc. Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC algebra & geometry recommended.
These programs have limited enrolment.

Physics
Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC algebra & geometry and OAC chemistry recommended.
These programs have limited enrolment.

Plant Biology
Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC biology recommended.
These programs have limited enrolment.

Plant Protection
Degree(s): B.Sc., Agriculture (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Either OAC biology or OAC chemistry. Either an additional OAC in mathematics or an additional OAC in science.
This program has limited enrolment.

Political Studies
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Psychology
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters); B.A., Co-op (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Degree(s): B.Sc. (6 semesters); B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.

These programs have limited enrolment.

Pure and Applied Ecology
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Resource and Environmental Economics
Degree(s): B.Sc., Environmental Sciences (8 semesters).
Additional requirements: OAC English 1. OAC biology. OAC calculus. OAC chemistry.

Settlement Studies
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Sociology and Anthropology
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Spanish
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages is recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Statistics
Degree(s); B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC physics, and OAC chemistry. Other requirements exist. Contact university for details.

Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or another OAC language recommended. Other requirements exist contact university for details.
This program has limited enrolment.

Theoretical Physics
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Toxicology
Degree(s): B.Sc., Hon. (8 semesters); B.Sc., Hon., Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics. OAC biology recommended.
These programs have limited enrolment.

Veterinary Medicine
Degree(s): Doctor of Veterinary Medicine (10 semesters).
Additional requirements: One year of a university-level science program. OAC calculus, OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Water Resources Engineering
Degree(s): B.Sc., Engineering (8 semesters); B.Sc., Engineering, Co-op (8 semesters).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two from OAC biology, OAC chemistry, and OAC physics, and OAC computer studies.
These programs have limited enrolment.

Wildlife Biology
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Women's Studies
Degree(s): B.A. (6 semesters); B.A., Hon. (8 semesters).
Additional requirements: OAC English 1. Either an OAC in mathematics, OAC French, or other OAC languages recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Zoology
Degree(s): B.Sc., Hon. (8 semesters).
Additional requirements: OAC English 1. OAC calculus. Two of OAC algebra & geometry, OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Special Programs

AKADEMIA
AKADEMIA is a first-year program with an integrated arts and science curriculum and a living-learning component based on specially designed residence arrangements. The program will suit qualified applicants who want to pursue a broad-based liberal education before making a commitment to specialize. Entry to this first-year experience is through the B.A. or B.Sc. degree program.

Transfer Credit Arrangement with the University of Guelph
Depending on the academic qualifications on admission to the Ontario College of Art (OCA) and on the courses taken, students who graduate with the A.O.C.A diploma are usually credited with 1 to 1 1/2 years in the University of Guelph's three-year B.A. program. Because of the tri-semester system at the University of Guelph, it is possible for the OCA undergraduate to pursue B.A. studies by taking the spring semesters at Guelph, usually May 1 to August 15, following the completion of the OCA regular session in April. In short, it is possible for a student to obtain both the A.O.C.A. diploma and the University of Guelph B.A. degree in less than 4 full years of study. This possibility will be of particular interest to those who wish to teach art in Ontario schools.

Co-operative Education Programs
Co-operative education formally integrates the student's academic study with work experience in co-operating employer organizations. The usual plan is for the student to alternate periods of study with periods of work in appropriate fields of business, industry, government, social services, and the professions. Progress on the job is monitored by the institution and is supervised and evaluated by both the employer and the institution.

Tuition Fees 1991-92

(including incidental fees)
The tuition fees listed apply to Canadian students and those with permanent resident status. Fees are subject to change.

Full-time fees per semester:

Associate Diploma in Agriculture	$ 355.77
Bachelor of Applied Science	$1007.77
Bachelor of Arts	$1007.77
Bachelor of Commerce	$1007.77
Bachelor of Landscape Architecture	$1086.77
Bachelor of Science	$1007.77
Bachelor of Science (Agriculture)	$1011.77
Bachelor of Science (Engineering)	$1086.77
Bachelor of Science (Human Kinetics)	$1007.77
Doctor of Veterinary Medicine (1st term)	$1007.77
General Studies	$1007.77

Residence Fees 1991-92

For all but apartment-style residences (per semester)

Single room	$1130
Double room	$1025

Family housing (townhouse or apartment)

Furnished	$512	per month
Unfurnished	$500	per month

Meal plans (per semester)
Fall/Winter

Large plan	$1000
Medium plan	$885
Small plan	$790

Students accommodated in all but apartment-style residences are required to select one of the above meal plans. However, these plans

are also available to students accommodated in apartment-style residences and to those living off campus. A semester, for room and board purposes, will terminate on the date announced for conclusion of examinations.

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Admissions, Office of the Registrar
University Centre, Level 3
University of Guelph
Guelph, Ont.
N1G 2W1
(519) 821-2130

Lakehead University

Thunder Bay

President: Dr. R.G. Rosehart

Undergraduate Enrolment 1990-91

Full-time	4092
Part-time	1999

General Admission Requirements

Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/ selected fields of interest are offered within the major degree programs. Contact the university for details.

Anthropology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English.

Biology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus.Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, and OAC functions & relations.

Business Administration
Faculty of Professional Studies – School of Business Administration
Degree(s): Bachelor of Administration (3 yrs).
Additional requirements: An OAC in English. Two OACs in mathematics.

Chemical Engineering
Faculty of Professional Studies – School of Engineering
Degree(s): B.Eng. (2 yrs).
Additional Requirements: Diploma in Engineering Technology. The Diploma in Engineering Technology may be completed at Lakehead University. Refer to the "Engineering Technology, Chemical" program for details. This program has limited enrolment.

Chemistry
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (5 yrs).
Additional requirements: An OAC in English. OAC calculus. Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations.

Civil Engineering
Faculty of Professional Studies – School of Engineering
Degree(s): B.Eng. (2 yrs).
Additional requirements: Diploma in Engineering Technology. The Diploma in Engineering Technology may be completed at Lakehead University. Refer to the "Engineering Technology, Civil" program for details.
This program has limited enrolment.

Commerce, Accounting
Faculty of Professional Studies – School of Business Administration
Degree(s): B.Com., Hon. (4 yrs).
Additional requirements: An OAC in English. Two OACs in mathematics.
This program has limited enrolment.

Commerce, General Management
Faculty of Professional Studies – School of Business Administration
Degree(s): B.Com., Hon. (4 yrs).
Additional requirements: An OAC in English. Two OACs in mathematics.
This program has limited enrolment.

Commerce, Management Systems
Faculty of Professional Studies – School of Business Administration
Degree(s): B.Com., Hon. (4 yrs).
Additional requirements: An OAC in English. Two OACs in mathematics.
This program has limited enrolment.

Commerce, Marketing
Faculty of Professional Studies – School of Business Administration
Degree(s): B.Com., Hon. (4 yrs).
Additional requirements: An OAC in English. Two OACs in mathematics.
This program has limited enrolment.

Commerce, Personnel/Industrial Relations
Faculty of Professional Studies – School of Business Administration
Degree(s): B.Com., Hon. (4 yrs).
Additional requirements: An OAC in English. Two OACs in mathematics.
This program has limited enrolment.

Computer Science
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs); B.Sc., Co-op (4 yrs); B.Sc., Hon., Co-op (5 years).
Additional requirements: An OAC in English. OAC calculus. Either OAC algebra & geometry, OAC finite mathematics, or OAC functions & relations. Two of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations. Other requirements exist. Contact university for details.

Economics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English.

Education (Native Education), Concurrent with Arts
Faculty of Professional Studies – School of Education
Degree(s): B.A./B.Ed. (Native Education) (4 yrs).
Additional requirements: An OAC in English. Applicants must be of Native ancestry and be recommended by a Native organization. Other requirements exist. Contact university for details.
This program has limited enrolment. It is available for the primary/junior level only.

Education, Concurrent with Arts
Faculty of Professional Studies – School of Education
Degree(s): B.A./B.Ed. (Concurrent) (4 yrs).
Additional requirements: An OAC in English. For a B.A. (Mathematics): OAC calculus and one of OAC algebra & geometry, OAC finite mathematics, or OAC functions & relations. For a B.A. (French): OAC French.
This program has limited enrolment.

Education, Concurrent with Science
Faculty of Professional Studies – School of Education
Degree(s): B.Sc./B.Ed. (Concurrent) (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations.
This program has limited enrolment. Applicants to the B.Sc. (Natural Science)/B.Ed. program may be eligible for admission without some of the credit requirements listed. The B.Sc. (General Science) / B.Ed. program is available for the junior/intermediate level only. The B.Sc. (Natural Science)/B.Ed. program is available for the primary/junior and junior/intermediate levels only.

Electrical Engineering
Faculty of Professional Studies – School of Engineering
Degree(s): B.Eng. (2 yrs).
Additional requirements: Diploma in Engineering Technology. The Diploma in Engineering Technology may be completed at Lakehead University. Refer to the "Engineering Technology, Electrical" program for details.
This program has limited enrolment.

Engineering Technology, Chemical
Faculty of Professional Studies – School of Engineering
Degree(s): Diploma in Engineering Technology (3 yrs); Diploma in Engineering Technology (2 years).
Additional requirements: For the 3-year program: OSSD, and at the advanced level: Year 4 English, Year 3 and Year 4 mathematics, and Year 3 and Year 4 science. For the 2-year program: OSSD and 6 OACs; OAC English recommended; OAC calculus, OAC chemistry, and OAC algebra & geometry.
The Engineering Technology Diploma leads to a B.Eng. degree. These programs have limited enrolment and are unique in Canada.

Engineering Technology, Civil
Faculty of Professional Studies – School of Engineering
Degree(s): Diploma in Engineering Technology (3 yrs); Diploma in Engineering Technology (2 yrs).
Additional requirements: For the 3-year program: OSSD, and at the advanced level: Year 4 English, Year 3 and Year 4 mathematics, and Year 3 and Year 4 science. For the 2-year program: OSSD and 6 OACs; OAC English recommended; OAC calculus, OAC chemistry, OAC physics, and OAC algebra & geometry.
The Engineering Technology Diploma leads to a B.Eng. degree. These programs have limited enrolment and are unique in Canada.

Engineering Technology, Electrical
Faculty of Professional Studies – School of Engineering
Degree(s): Diploma in Engineering Technology (3 yrs); Diploma in Engineering Technology (2 yrs).
Additional requirements: For the 3-year program: OSSD, and at the advanced level: Year 4 English, Year 3 and Year 4 mathematics, and Year 3 and Year 4 science. For the 2-year program: OSSD and 6 OACs; OAC English recommended; OAC calculus, OAC chemistry, OAC physics, OAC algebra & geometry.
The Engineering Technology Diploma leads to a B.Eng. degree. These programs have limited enrolment and are unique in Canada.

Engineering Technology, Mechanical
Faculty of Professional Studies – School of Engineering
Degree(s): Diploma in Engineering Technology (3 yrs); Diploma in Engineering Technology (2 years).
Additional requirements: For the 3-year program: OSSD, and at the advanced level: Year 4 English, Year 3 and Year 4 mathematics, and Year 3 and Year 4 science. For the 2-year program: OSSD and 6 OACs; OAC English recommended; OAC calculus, OAC chemistry, OAC physics, OAC algebra & geometry.
The Engineering Technology Diploma leads to a B.Eng. degree. These programs have limited enrolment.

English
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English.

Forest Technology
Faculty of Professional Studies
Degree(s): Diploma in Forest Technology (2 yrs).
Additional requirements: OSSD, and at the advanced level: Year 4 chemistry, Year 3 and Year 4 mathematics, and Year 3 and Year 4 science.

Forestry
Faculty of Professional Studies – School of Forestry
Degree(s): B.Sc., Forestry, Hon. (4 yrs); B.Sc., Forestry, Hon., Co-op (5 years).
Additional requirements: An OAC in English. OAC calculus. OAC biology. OAC chemistry. Either OAC algebra & geometry, OAC finite mathematics, or algebra.
These programs have limited enrolment. Applicants lacking no more than one of these prerequisites will be considered on an individual basis.

French
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC French.

Geo-archaelogy
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations.

Geography
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English.

Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, and OAC functions & relations.

Geology
Faculty of Arts and Science
Degree(s): B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations.

History
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English.

Library and Information Studies
Faculty of Arts and Science
Degree(s): Diploma in Library Technology (2 yrs).
Additional requirements: An OAC in English. Upon completion of the two-year diploma program, students may complete a B.A. (General Program) degree after one further year of study.

Mathematics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Either OAC algebra & geometry, OAC finite mathematics, or OAC functions & relations.
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).

Additional requirements: An OAC in English. OAC calculus. Either OAC algebra & geometry, OAC finite mathematics, or OAC functions & relations. Two of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations.

Mechanical Engineering
Faculty of Professional Studies – School of Engineering
Degree(s): B.Eng. (2 yrs).
Additional requirements: Diploma in Engineering Technology. The Diploma in Engineering Technology may be completed at Lakehead University. Refer to the "Engineering Technology, Mechanical" program for details.
This program has limited enrolment.

Medical Laboratory Science
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (3 yrs).
Additional requirements: Other requirements exist. Contact university for details.

Music
Faculty of Arts and Science
Degree(s): B.Mus., Hon. (4 yrs); B.A. in Music, Hon. (4 yrs).
Additional requirements: An OAC in English.

Native Studies
Faculty of Arts and Science
Degree(s): B.A. (Native Studies, Anthropology Major).
Additional requirements: An OAC in English.

Natural Science
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs).
Additional requirements: An OAC in English. OAC calculus. Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations.
Applicants may be eligible for admission without some of these credit requirements. Contact university for details.

Nursing
Faculty of Professional Studies – School of Nursing
Degree(s): B.Sc., Nursing, Hon. (4 yrs).
Additional requirements: An OAC in English. OAC biology. OAC chemistry. An OAC in mathematics strongly recommended.
This program has limited enrolment.

Outdoor Recreation
Faculty of Professional Studies – School of Outdoor Recreation – Parks and Tourism
Degree(s): Bachelor of Outdoor Recreation, Hon. (4 yrs).
Additional requirements: An OAC in English.
This program has limited enrolment.

Outdoor Recreation, Geography
Faculty of Professional Studies – School of Outdoor Recreation – Parks and Tourism
Degree(s): Bachelor of Outdoor Recreation, Hon./B.A. (Geography) (4 yrs).
Additional requirements: An OAC in English. This program has limited enrolment.

Outdoor Recreation, History
Faculty of Outdoor Studies – School of Outdoor Recreation – Parks and Tourism
Degree(s): Bachelor of Outdoor Recreation, Hon./B.A. (History) (4 yrs).
Additional requirements: An OAC in English. This program has limited enrolment.

Outdoor Recreation, Natural Science
Faculty of Professional Studies – School of Outdoor Recreation – Parks and Tourism
Degree(s): Bachelor of Outdoor Recreation, Hon./B.Sc. (Natural Science) (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations.
This program has limited enrolment. Applicants may be eligible for admission without some of these credit requirements. Contact university for details.

Philosophy
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English.

Physical Education
Faculty of Professional Studies – School of Physical Education and Athletics
Degree(s): Bachelor of Physical Education, Hon. (4 yrs).
Additional requirements: An OAC in English. OAC chemistry.
This program has limited enrolment. Candidates with 6 OACs but not including chemistry will be considered on an individual basis.

Physics
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations.

Political Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English.

Psychology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English.

Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Three of OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, and OAC functions & relations.

Religious Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English.

Social Work
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English.

Sociology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additionalrequirements: An OAC in English.

Visual Arts
Faculty of Arts and Science
Degree(s): B.F.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Portfolio.

Special Programs

The Forestry degree co-op program will enable the School of Forestry to further fulfil its objective of advancing the practice of forestry in Canada by educating skilled foresters who have the desire to manage Canada's forests for the optimum benefit of mankind and the environment. Co-op programs are also offered in Chemistry and Computer Science.

Tuition Fees 1991-92

Degree programs
(Canadian citizens and landed immigrants)
A student activity fee of $217 should be added to all of the following fees.

Arts (including concurrent education and make-up year)	$1769
Arts (geography/Honours Bachelor of Outdoor Recreation)	$1769
Applied science	$1922
Administration, commerce, social work	$1769
Degree engineering (Years 4 and 5 only)	$1769
Degree forestry	$1769
Education degree, B.Ed. (one-year program)	$1769
Nursing	$1769
Outdoor recreation	$1769
Physical and health education	$1769
Science (including concurrent education, medical laboratory science, and make-up years)	$1769
Science (natural science/Honours Bachelor of Outdoor Recreation)	$1769

Diploma programs
(Canadian citizens and landed immigrants)

Engineering technology	$1064
Forestry technology	$1064
Library technology	$1064

Residence

Approximate 1991-92 costs, with meals

Single room	$3978
Double room	$3769
Townhouse (no meal plan)	$2545

Scholarships and Financial Assistance

Students in financial need may apply for assistance from a variety of sources. Government assistance is available to full-time students in the form of grants and/or

loans and to part-time students as bursaries or loans.

For further information concerning government assistance, see the section "Financial Assistance for Students" and check with the university's Student Financial Aid Office, which will also have details on bursaries and scholarships offered by the university.

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Office of the Registrar
Lakehead University
Thunder Bay, Ontario P7B 5E1
(807) 343-8500
Toll-free (Ont., Man., Sask.) 1-800-465-3959

Laurentian University

Sudbury

Acting President: Dr. Charles H. Bélanger

Undergraduate Enrolment 1990-91 (Sudbury Campus)

Full-time	5 983
Part-time	4 735

General Additional Requirements

Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Adventure Leadership
Faculty of Professional Schools
Degree(s): Bachelor of Physical and Health Education, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Either an OAC in mathematics, OAC biology, OAC chemistry, OAC physics, OAC geology if available, or OAC computer studies.
This program is offered in English and partially in French. It has limited enrolment.

Anthropology
Faculty of Social Sciences
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.

Applied Physics
Faculty of Science and Engineering
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
These programs are offered in English and partially in French.

Behavioural Neuroscience
Faculty of Science and Engineering
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
This program is offered in English and partially in French.

Biochemistry
Faculty of Science and Engineering
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
This program is offered in English and partially in French.

Biology
Faculty of Science and Engineering
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
These programs are offered in English and partially in French.

Business Administration
Faculty of Professional Schools
Degree(s): B.Bus.Admin., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Two OACs in mathematics.
This program is offered only in French.

Canadian Studies
Faculty of Humanities
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and partially in French.

Chemistry
Faculty of Science and Engineering
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
These programs are offered in English and partially in French.

Classical Studies
Faculty of Humanities
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.

Commerce
Faculty of Professional Schools
Degree(s): B.Com., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Two OACs in mathematics.
This program is offered in English and in French.

Computer Science
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Two OACs in mathematics.
These programs are offered in English and partially in French.

Faculty of Science and Engineering
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
These programs are offered in English and partially in French.

Co-operative Administration
Faculty of Professional Schools
Degree(s): B.Bus.Admin., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Two OACs in mathematics.
This program is offered only in French.

Earth Science
Faculty of Science and Engineering
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and partially in French.

Economics
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.

Education
Faculty of Professional Schools
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered only in French.

English
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.

Environmental Earth Science
Faculty of Science and Engineering
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
This program is offered in English and partially in French.

Ethics
Faculty of Humanities
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.

Français
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Three of an OAC in mathematics, an OAC in science, an OAC in social studies, and an OAC in a language.
These programs are offered in French only.

French
Faculty of Humanities
Degrees: B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in French and partially in English.

Geography
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Geology
Faculty of Science and Engineering
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.

German
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
Introductory courses are offered in English and in French.

Health Promotion
Faculty of Professional Schools
Degree(s): Bachelor of Physical and Health Education, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Either an OAC in mathematics, OAC biology, OAC chemistry, OAC physics, OAC geology if available, or OAC computer studies.
This program is offered in English and partially in French. It has limited enrolment.

History
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Italian
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
Introductory courses are offered in English and in French.

Kinesiology
Faculty of Science and Engineering
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
This program has limited enrolment. It is offered in English and partially in French.

Law and Justice
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Liberal Science
Faculty of Science and Engineering
Degree(s): B.Sc. (3 yrs).
Additional requirements: Either an OAC in English or OAC français. An OAC in a language. An OAC in mathematics. An OAC in science. An OAC in social studies.
This program is offered in English and in French.

Linguistics
Faculty of Humanities
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered only in French.

Mathematics
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. An additional OAC in mathematics.
These programs are offered in English and partially in French.

Faculty of Science and Engineering
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
These programs are offered in English and partially in French.

Metallurgical Engineering
Faculty of Science and Engineering
Degree(s): B.Eng., Hon. (4 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program has limited enrolment.

Mining Engineering
Faculty of Science and Engineering
Degrees: B.Eng, Hon. (4 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program has limited enrolment.

Mining Geology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
This program is offered in English and partially in French.

Music
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Other requirements exist. Contact university for details.

Native Human Services
Faculty of Professional Schools
Degree(s): Bachelor of Social Work, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.

Native Studies
Faculty of Humanities
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.

Nursing
Faculty of Professional Schools
Degree(s): B.Sc., Nursing, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC chemistry. OAC biology.
This program is offered in English and in French. It has limited enrolment.

Philosophy
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Physical and Health Education
Faculty of Professional Schools
Degree(s): Bachelor of Physical and Health Education, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Either an OAC in mathematics, OAC biology, OAC chemistry, OAC physics, OAC geology if available, or OAC computer studies.
This program is offered in English and partially in French. It has limited enrolment.

Political Science
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Psychology
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Religious Studies
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Three of an OAC in mathematics, an OAC in science, an OAC in social studies, and an OAC in a language.
These programs are offered in English and in French.

Russian
Faculty of Humanities
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
Introductory courses offered in English and in French.

Social Work
Faculty of Professional Schools
Degree(s): Bachelor of Social Work, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French.

Sociology
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Solid Earth Science
Faculty of Science and Engineering
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in mathematics. An OAC in science. Either an additional OAC in mathematics or an additional OAC in science.
This program is offered in English and partially in French.

Spanish
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
Introductory courses are offered in English and in French.

Sports Administration
Faculty of Professional Schools
Degree(s): Bachelor of Business Administration, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Two OACs in mathematics.
This program has limited enrolment. It is offered in English and in French.

Theatre Arts
Faculty of Humanities
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and partially in French.

Translators and Interpreters
Faculty of Professional Schools
Degree(s): B.Sc., Language, Hon. (4 yrs).
Additional requirements: An OAC in English. OAC French.
This program is offered in English and in French.

Women's Studies
Faculty of Humanities
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and partially in French.

Special Programs

Université canadienne en France
The Université canadienne en France program, introduced in 1987, is operated by Laurentian University in co-operation with Blyth and Company.

The program is designed to enable English-speaking and French-speaking students from all provinces to spend a year in southern France while continuing to earn Canadian university credits. An integral part of the Ontario university system, the eight-month Université canadienne en France program offers students humanities, social sciences, and language courses as well as the opportunity to develop bilingual skills, broaden themselves through travel, and acquire a heightened appreciation of the diversity of Canada itself.

The student body of 200 anglophone and francophone undergraduates comes from all provinces. The eight-month program of courses in humanities, social sciences, and languages is specially selected from the first three years of an Ontario university curriculum.

The curriculum, which focuses on UCF's unique location on the Mediterranean in its language and civilization courses, is designed to give Canada's future leaders a better understanding of our world. Laurentian credits earned in the Université canadienne en France program are transferable to the students' home universities upon approval by these institutions. The teaching staff is made up of faculty from Laurentian and other Canadian universities.

Various types of student accommodation are available, including residences on the campus, which is located on the Côte d'Azur between Nice and Monaco.
Additional Requirements
A minimum of one full year of study (minimum of 24 credits) at a Canadian university, successful completion of the DEC in Quebec, or possession of the International Baccalaureat. Students must be in good academic standing at their home university and obtain a letter of permission or equivalent when admitted to ensure that the university will accept credit transfers at the completion of their studies at UCF.
Fees 1990-1991
Academic (fees applicable to Canadian citizens and exempt international students) tuition fees and ancillary fees (includes tuition, athletic facilities, life/accident insurance, student association fees): $1948
Travel and accommodation (includes return air fare, residence accommodation, transfers, excursions: $7280
Total fees: $9228
Spring and Summer Sessions
In addition to offering the full-year program, the Université canadienne en France offers a spring session that runs from early May to the middle of June and a summer session that runs from mid-July to late August. The courses include intensive French, modern art, European culture, and the modern Mediterranean world in the spring session; and international business in the summer session. Students may register for a minimum of 12 credits in each session. Fees start at $2660.

Tuition Fees 1991-92

(including incidental fees)
Canadian citizens and exempt international students
Full-time students:

All programs except engineering	$2020.50
Engineering	$2171.50

Residence 1991-92

Single room	$2160 - $2270
Double room	$1800 - $1950

Apartments for married and mature students: $385 per month, including appliances and cable TV. Meals are available on a cash basis, or a meal card may be purchased.

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Assistant Registrar, Admission
Laurentian University
Sudbury, Ont. P3E 2C6
(705) 675-1151, ext. 3915
Toll-free 1-800-461-4030

McMaster University

Hamilton

President: Dr. Geraldine A. Kenney-Wallace

Undergraduate Enrolment 1990-91

Full-time	11 255
Part-time	3 434

General Admission Requirements

Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, please see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Anthropology
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
These programs have limited enrolment.

Applied Chemistry
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Applied Physics
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Art
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Art History
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Arts and Sciences, Special Program
Arts and Science
Degree(s): B.A. and Science (3 yrs); B.A. and Science, Hon. (4 yrs). B.A. and Science, Hon. (5 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Three of an OAC in English, OAC français, other OAC languages, OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, OAC geography, OAC history, and OAC music. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Biochemistry
Faculty of Science
Degree(s): B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Biological Chemistry
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Biology
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs); B.Sc. (5 years).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Biotechnology and Genetic Engineering
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Business/Commerce
Faculty of Business
Degree(s): B.Com. (4 yrs); B.Com., Hon. (4 yrs); B.Com. and Arts, Hon. (4 yrs).
Additional requirements: Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics. OAC calculus or OAC finite

mathematics recommended. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Three of an OAC in English, OAC français, other OAC languages, OAC calculus, OAC algebra & geometry, OAC finite mathematics, OAC biology, OAC chemistry, OAC physics, OAC geography, OAC history, OAC music, OAC accounting, and OAC economics.
These programs have limited enrolment.

Ceramic Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs); B.Eng. and Management (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Chemical Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs); B.Eng. and Management (5 years).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either OAC English 1, OAC anglais 1, or OAC anglais 2.
Other requirements exist. Contact university for details.
These programs have limited enrolment.

Chemistry
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Civil and Computer Systems Engineering
Faculty of Engineering
Degree(s): B.Eng. and Computer Systems (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Other requirements exist. Contact university for details.
This program has limited enrolment.

Civil Engineering and Engineering Mechanics
Faculty of Engineering
Degree(s): B.Eng. (4 yrs); B.Eng. and Management (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Classical Studies
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended.
Other requirements exist. Contact university for details.
These programs have limited enrolment.

Classics
Faculty of Humanities
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Comparative Literature
Faculty of Humanities
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Computer Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs); B.Eng. and Management (5 years).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Computer Science
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Drama
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Economics
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
These programs have limited enrolment.

Electrical Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs); B.Eng. and Management (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Engineering and Management
Faculty of Engineering
Degree(s): B.Eng. and Management (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Other requirements exist. Contact university for details.
This program has limited enrolment.

Engineering and Society
Faculty of Engineering
Degree(s): B.Eng. (5 years).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Other requirements exist. Contact university for details.
This program has limited enrolment.

Engineering Physics
Faculty of Engineering
Degree(s): B.Eng. (4 yrs); B.Eng. and Management (5 years).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Other requirements exist. Contact university for details.
These programs have limited enrolment.

English
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

French
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Geography
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).

Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
These programs have limited enrolment.

Geography and Environmental Science
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Geography and Environmental Studies
Faculty of Social Sciences
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
This program has limited enrolment.

Geology
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

German
Faculty of Humanities
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Gerontological Studies
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
These programs have limited enrolment.

Health and Radiation Physics
Faculty of Science
Degree(s): B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Hispanic Studies
Faculty of Humanities
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

History
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Italian
Faculty of Humanities
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Japanese Studies
Faculty of Humanities
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Labour Studies
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
These programs have limited enrolment.

Manufacturing Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details. This program has limited enrolment.

Materials Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs); B.Eng. and Management (5 years).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Materials Science
Faculty of Science
Degree(s): B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Mathematics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Mechanical Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs); B.Eng. and Management (5 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Medicine
Faculty of Health Sciences
Degree(s): Doctor of Medicine (M.D.) (3 yrs).
Additional requirements: Three years of undergraduate work at a recognized university. Other requirements exist. Contact university for details.
This program has limited enrolment.

Metallurgical Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs); B.Eng. and Management (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Modern Languages and Linguistics
Faculty of Humanities
Degrees(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended.
This program has limited enrolment.

Molecular Biology and Biotechnology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Music
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.Mus., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other

requirements exist. Contact university for details.
These programs have limited enrolment.

Music Education
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.Mus., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Music History
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.Mus., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Music Theory
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.Mus., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Nursing
Faculty of Health Sciences
Degree(s): B.Sc., Nursing (4 yrs).
Additional requirements: OAC chemistry. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics. Either OAC biology or OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Occupational Therapy
Faculty of Health Sciences
Degree(s): Bachelor of Health Sciences (2 yrs).
Additional Requirements: Bachelor's degree from a recognized university or equivalent. Other requirements exist. Contact university for details.
This program has limited enrolment.

Pharmacology
Faculty of Science
Degree(s): B.Sc., Hon., Co-op (5 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Philosophy
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Physical Education
Faculty of Social Sciences
Degree(s): Bachelor of Physical Education (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics. Either OAC biology, OAC chemistry, or OAC physics strongly recommended.
This program has limited enrolment.

Physics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Physiotherapy
Faculty of Health Sciences
Degree(s): Bachelor of Health Sciences (2 yrs).
Additional requirements: Bachelor's degree from a recognized university or equivalent. Other requirements exist. Contact university for details.
This program has limited enrolment.

Political Science
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
These programs have limited enrolment.

Psychology
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
These programs have limited enrolment.

Religious Studies
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
These programs have limited enrolment.

Russian
Faculty of Humanities
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. An OAC in humanities strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Science
Faculty of Science
Degree(s): B.Sc. (3 yrs).
Additional requirements: OAC calculus. Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Social Work
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A./Bachelor of Social Work (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
These programs have limited enrolment.

Sociology
Faculty of Social Sciences
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1, OAC anglais 1, or OAC anglais 2. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics.
This program has limited enrolment.

Tuition Fees 1990-91

Fees below are the tuition and supplementary fees for full-time level 1 undergraduate students only. (Part-time fees are charged on a per-course unit basis. Contact the university directly for charges.) These are the fees that apply to Canadian citizens and landed immigrants only.

Arts and Science I (special program)	$1913.45
Business I	$1953.45
Engineering I	$2009.55
Nursing I	$1971.45
Physical education I	$1908.45
Medicine I	$3408.00
All other programs	$1918.45

Tuition fees for international students 1990-91

Arts and Science I (special program)	$5744.45
Business I	$5784.45
Engineering I	$7769.45
Nursing I	$7774.45
Physical Education I	$5739.45
Medicine I	$13 359.00
All other programs	$5744.45

Special Programs

McMaster offers many combined honours programs in the faculties of Engineering, Humanities, Social Sciences, and Sciences, the combinations of which are far too numerous to list.

The special arts and science program (which limits enrolment to 50 students per year) also offers combined honours programs with anthropology, biochemistry, biology, computer science, drama, economics, English, French, geography, German, gerontology, history, mathematics, philosophy, physics, political science, psychology, religious studies, sociology, and social work. Please contact the university for further information.

Residence 1990-91

Room plus:	
12 meals a week:	$4013
14 meals a week:	$4213
19 meals a week:	$4373
Room only (available only in apartment-style residences):	$1906
Meal plan only:	
12 meals a week	$1907
14 meals a week:	$2107
19 meals a week:	$2267

Accommodation is available for 2773 women and men.

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Associate Registrar (Liaison Admissions) 120, Gilmour Hall
McMaster University
Hamilton, Ontario L8S 4L8
(416) 525-9140, ext. 4796

Ontario College of Art

Toronto

President: Timothy Porteous

Undergraduate Enrolment 1990-91

Full-time	1296
Part-time	1619

General Admission Requirements

The minimum academic requirement for admission to the Ontario College of Art four-year Diploma program is the OSSD (30 credits) or its equivalent. *Applicants must present a portfolio*, which is the primary criterion for acceptance into the foundation year 1 program.

An applicant who does not possess the minimum academic requirement may apply as a mature student, provided that the applicant is 21 years of age when classes begin in September.

Applicants applying for advanced standing are considered on an individual basis. These applicants must have an art and design background equivalent to the OCA foundation Year 1 program.

Programs

Ceramics
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Design: Advertising
Diploma: Associate of the Ontario College of Art.
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Environmental Design
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Experimental Arts
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Fine Arts
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Glass
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Graphic Design
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Illustration
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Industrial Design
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Jewellery
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

New Media
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Photovision
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Printmaking
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Sculpture/Installation
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Surface Design/Print
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements:
This program has limited enrolment.

Textiles
Diploma: Associate of the Ontario College of Art (4 yrs).
Additional requirements: Other requirements exist. Contact college for details.
This program has limited enrolment.

Tuition Fees 1991-92

Total	$1896
Total yearly fee for applicants from outside Canada	$6796

Residence

The Ontario College of Art does not provide housing facilities; however, assistance in finding accommodation is available from the Student Services Office.

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the OCA calendar, available in your guidance office or local library, or contact:
Ontario College of Art
100 McCaul St.
Toronto, Ontario M5T 1W1
(416) 977-5311 ext. 236

University of Ottawa

Ottawa

Rector: Dr. Marcel Hamelin

Undergraduate Enrolment 1990-91

Full-time	13 423
Part-time	7 799

General Admission Requirements

Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Accounting
Faculty of Administration
Degree(s): B.Com. (4 yrs); B.Com., Hon., Co-op (5 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics.
These programs are offered in English and in French. They have limited enrolment.

Administration
Faculty of Administration
Degree(s): Bachelor of Administration (3 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics.
This program is offered in English and in French. It has limited enrolment.

Biochemistry
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French.

Biochemistry, Nutrition
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French.

Biology
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French.

Canadian Studies
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français. Other requirements exist. Contact university for details.
This program is offered in English and in French.

Canon Law
Faculty of Canon Law
Degree(s): Baccalaureate in Canon Law, Ecclesiastical Degree (2 trimesters); Baccalaureate in Canon Law, Civil Degree (2 trimesters).
Additional requirements: B.A. or equivalent and theological prerequisites. Other requirements exist. Contact university for details.

Chemical Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc., Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French. They have limited enrolment.

Chemistry
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French. They have limited enrolment.

Civil Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc., Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French. They have limited enrolment.

Civil Law
Faculty of Law
Degree(s): LL.L. (3 yrs).
Additional requirements: Bachelor's degree from a recognized university, or a Diploma of College Studies (Quebec), or equivalent. Other requirements exist. Contact university for details.
This program is offered only in French. It leads to certification as a lawyer. It has limited enrolment.

Classical Art and Archaeology
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French.

Classical Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Common Law
Faculty of Common Law
Degree(s): LL.B. (3 yrs).
Additional requirements: Two years of undergraduate studies. LSAT. Other requirements exist. Contact university for details.
This program is offered in English and in French. It has limited enrolment.

Communication
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Other requirements exist. Contact university for details.
This program is offered in English and in French. It has limited enrolment.

Computer Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc., Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French. They have limited enrolment.

Computer Science
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (5 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French.They have limited enrolment.

Criminology
Faculty of Social Sciences
Degree(s): Bachelor of Social Science (3 yrs); Bachelor of Social Science, Hon. (4 yrs).
Additional requirements: See "General Admission Requirements".
These programs are offered in English and in French.They have limited enrolment.

Economics
Faculty of Social Sciences
Degree(s): Bachelor of Social Science (3 yrs); Bachelor of Social Science, Hon. (4 yrs).
Additional requirements: OAC calculus.
These programs are offered in English and in French.

Education, Consecutive
Faculty of Education
Degree(s): B.Ed. (1 yr).
Additional requirements: Bachelor's degree from a recognized university or equivalent. Other requirements exist. Contact university for details.
This program is offered in English and in French. It has limited enrolment.

Electrical Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc., Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French.They have limited enrolment.

English
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry.

Finance
Faculty of Administration
Degree(s): B.Com. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics.
This program is offered in English and in French. It has limited enrolment.

French as a Second Language
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.

French Language and Literature for Non-francophones
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program is offered in English and in French.

Geography
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (5 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Geology
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French.

Geology-Physics
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French.

German
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French.

History
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (5 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Human Kinetics
Faculty of Health Sciences
Degree(s): B.Sc., Human Kinetics, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Either OAC biology, OAC chemistry, or OAC physics. An OAC in mathematics.
This program is offered in English and in French. It has limited enrolment.

Human Resources Management
Faculty of Administration
Degree(s): B.Com. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics.
This program is offered in English and in French. It has limited enrolment.

Italian
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French.

Langue française
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: OAC français.
This program is offered in English and in French.

Latin and Classical English Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
All non-honours requirements may be completed in either English or French.

Leisure Studies
Faculty of Social Sciences

Degree(s): Bachelor of Social Science (3 yrs); Bachelor of Social Science, Hon. (4 yrs); Bachelor of Social Science, Co-op (5 yrs).
Additional requirements: See "General Admission Requirements".
These programs are offered in English and in French.

Lettres françaises
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A. (4 yrs).
Additional requirements: OAC français.
These programs are offered in English and in French.

Linguistics
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Management and Information Systems
Faculty of Administration
Degree(s): B.Com. (4 yrs); B.Com., Hon., Co-op (5 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics.
These programs are offered in English and in French. They have limited enrolment.

Management Science
Faculty of Administration
Degree(s): B.Com. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics.
This program is offered in English and in French. It has limited enrolment.

Marketing
Faculty of Administration
Degree(s): B.Com. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics.
This program is offered in English and in French. It has limited enrolment.

Mathematics
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry.
These programs are offered in English and in French.

Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and in French.

Mathematics-Science
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (5 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and in French.

Mechanical Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc., Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French. They have limited enrolment.

Medical Sciences
Faculty of Medicine
Degree(s): B.Sc., Medical (4 yrs).
Additional requirements: Two years of undergraduate studies in a science field. Must be registered in the first year of the Doctor of Medicine program at the University of Ottawa. Other requirements exist. Contact university for details.
This program has limited enrolment. It leads to certification as a medical doctor. It is offered in English and partially in French.

Medicine
Faculty of Medicine
Degree(s): Doctor of Medicine (M.D.) (4 yrs).
Additional requirements: Two years of undergraduate studies, including four specific prerequisite science courses. MCAT. Other requirements exist. Contact university for details.
This program has limited enrolment. It leads to certification as a medical doctor.

Medieval Studies
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French.

Music
Faculty of Arts
Degree(s): B.Mus. (4 yrs); B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. Other requirements exist. Contact university for details.
This program is offered in English and in French. It has limited enrolment.

Nursing
Faculty of Health Sciences
Degree(s): B.Sc., Nursing for Registered Nurses (3 yrs); B.Sc., Nursing, Honours (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC biology. OAC chemistry. CPR certificate. At the advanced level: Year 4 mathematics.
The Honours program is offered in English and in French. This program has limited enrolment.

Occupational Therapy
Faculty of Health Sciences
Degree(s): B.Sc., Occupational Therapy, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC biology. OAC chemistry. OAC physics. An OAC in mathematics. Second-language proficiency test. CPR certificate.
All physiotherapy courses are given in French. This program has limited enrolment.

Philosophy
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Physics
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French.

Physics-Mathematics
Faculty of Sciences
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English or OAC français. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs are offered in English and partially in French.

Physiology
Faculty of Medicine
Degree(s): B.Sc. (1 yr).
Additional requirements: Bachelor of Science (3 years), including a course in physiology.

Physiotherapy
Faculty of Health Sciences
Degree(s): B.Sc., Physiotherapy, Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC biology. OAC chemistry. OAC physics. An OAC in mathematics. Second-language proficiency test. CPR certificate.
This program is offered only bilingually. It has limited enrolment.

Political Science
Faculty of Social Sciences
Degree(s): Bachelor of Social Science (3 yrs); Bachelor of Social Science, Hon. (4 yrs).
Additional requirements: See "General Admission Requirements".
The Bachelor of Social Science program is offered in English and in French. The Bachelor of Social Science, Honours program is offered only in French. These programs have limited enrolment.

Psychology
Faculty of Social Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French. They have limited enrolment.

Public Policy and Public Management
Faculty of Administration
Degree(s): B.Com. (4 yrs).
Additional requirements: Either an OAC in English or OAC français. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics.
This program is offered in English and in French. It has limited enrolment.

Religious Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Slavic Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Sociology
Faculty of Social Sciences
Degree(s): Bachelor of Social Science (3 yrs); Bachelor of Social Science, Hon. (4 yrs).
Additional requirements: See "General Admission Requirements".
The Bachelor of Social Science program is offered in English and in French. The Bachelor of Social Science, Honours program is offered primarily in French, with some courses available in English.

Spanish
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French.

Theatre
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
These programs are offered in English and in French. They have limited enrolment.

Theology
Faculty of Theology
Degree(s): Bachelor of Theology, Ecclesiastical (3 yrs); Bachelor of Theology, Civil (3 yrs).
Additional requirements: One year of university studies, or a D.E.C. (General Studies), or completion of a program of studies that the faculty deems equivalent. Other requirements exist. Contact university for details.

Theory and History of Art
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French.

Translation
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs); B.A., Hon., Co-op (5 years).
Additional requirements: Either an OAC in English or OAC français. Other requirements exist. Contact university for details.
These programs are offered in English and in French. They have limited enrolment.

Visual Arts
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French.

Visual Arts, Photography
Faculty of Arts
Degree(s): B.F.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French. It has limited enrolment.

Visual Arts, Studio
Faculty of Arts
Degree(s): B.F.A., Hon. (4 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French. It has limited enrolment.

Women's Studies
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: Either an OAC in English or OAC français.
This program is offered in English and in French, although not all courses are necessarily provided in French and English in the same year.

Special Programs

The Faculty of Arts offers a B.A. with concentration in French as a second language.

Tuition Fees 1991-92

(including incidental fees)

Medicine	$2471
Engineering	$2141
Science (pre-science year)	$4084
All other programs	$1990

Residence 1991-92

Single room	$1965 (September-April)
Double room	$1671 per person (September-April)

The student residences on campus are Marchand Hall (347 men and women), Stanton Hall (361 men and women), Leblanc Hall (114 men and women), Thompson Hall (459 men and women), and Brooks Residence (708 men and women).

Students with an admission average of 85% or better are given priority for accommodation in residence.

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Director of Admissions
Office of the Registrar (Admissions)
University of Ottawa
Ottawa, Ont. K1N 6N5
(613) 564-3928

Queen's University

Kingston

Principal: David C. Smith

Undergraduate Enrolment 1990-91

Full-time	11 237
Part-time	3 723

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, please see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Art History
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Astrophysics
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. Three of OAC calculus, OAC algebra and geometry, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Biochemistry
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Biology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC biology. For B.Sc., Hon.: in addition, any three of OAC algebra & geometry, OAC calculus, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Chemical Engineering
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Chemical Physics
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. Three of OAC calculus, OAC algebra & geometry, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Chemistry
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. For B.Sc. Hon.: in addition, any three of OAC algebra & geometry, OAC calculus, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Civil Engineering
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Classical Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Cognitive Science
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. Three of OAC calculus, OAC algebra & geometry, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Commerce
School of Business
Degree(s): B.Com., Hon. (4 yrs).
Additional requirements: An OAC in English. Two of OAC calculus, OAC algebra & geometry, and OAC finite mathematics. OAC calculus recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Computing and Information Science
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. For B.Sc. Hon.: in addition, any three of OAC algebra & geometry, OAC calculus, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Drama
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Economics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Education, Concurrent
Faculty of Arts and Science
Degree(s): B.A./B.Ed. (concurrent) (4 yrs); B.A., Hon./B.Ed. (5 years); B.Sc., Hon./B.Ed. (5 years).
Additional requirements: An OAC in English. For B.Sc., Hon.: in addition, any three of OAC algebra & geometry, OAC calculus, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Electrical Engineering
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Engineering Chemistry
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: : OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Engineering Physics
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

English
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Film
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Fine Art
Faculty of Arts and Science
Degree(s): B.F.A., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC art recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

French
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Geography
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Sc. (4 yrs).
Additional requirements: An OAC in English. For the B.Sc.,Hon: three of OAC calculus, OAC algebra & geometry, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Geological Engineering
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Geological Sciences
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. For B.Sc., Hon.: in addition, any three of OAC algebra & geometry, OAC calculus, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Geological Sciences with Physics
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. Three of OAC calculus, OAC algebra & geometry, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

German
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Greek
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Health
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

History
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Latin
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs);
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Life Sciences
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. For B.Sc., Hon.: in addition, three of OAC calculus, OAC algebra & geometry, OAC Chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Materials and Metallurgical Engineering
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Mathematical Physics
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. Three of OAC calculus, OAC algebra & geometry, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Mathematics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. For B.Sc., Hon.: in addition, three of OAC calculus, OAC algebra & geometry, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Mathematics and Engineering
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Mechanical Engineering
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Mining Engineering
Faculty of Applied Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Music
Faculty of Arts and Science
Degree(s): B.Mus., Hon. (4 yrs); Licentiate in Music (2 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Nursing
School of Nursing
Degree(s): B.Sc., Nursing, Hon. (4 yrs).
Additional requirements: An OAC in English. OAC biology. OAC chemistry. An OAC in mathematics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Occupational Therapy
School of Rehabilitation Therapy
Degree(s): B.Sc., Occupational Therapy, Hon. (4 yrs)
Additional requirements: OAC biology. OAC chemistry. An OAC in mathematics. An OAC in English and OAC physics strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Philosophy
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs)
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Physical Therapy
School of Rehabilitation Therapy
Degree(s): B.Sc., Physical Therapy, Hon. (4 yrs)
Additional requirements: OAC biology. OAC chemistry. An OAC in mathematics. An OAC in English and OAC physics strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Physics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. For B.Sc. Hon.: in addition, three of OAC algebra & geometry, OAC calculus, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Political Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs)
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Psychology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. For B.Sc., Hon.: in addition, three of OAC algebra & geometry, OAC calculus, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Religion
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Sociology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Spanish
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Statistics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. For B.Sc., Hon.: in addition, three of OAC algebra & geometry, OAC calculus, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Theoretical Physics
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. Three of OAC calculus, OAC algebra & geometry, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Women's Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Tuition Fees 1990-91

Tuition fees for full-time students are subject to change, but currently are as follows for Canadian students admitted to first year:

Applied science	$1778
Arts and science	$1638
Commerce	$1638
Education	$1638
Law	$1638
Medicine	$2083
Nursing	$1638
Physical and health education	$1638
Rehabilitation therapy	$1638
MBA	$1645

For information on international student fees, contact the Admissions Office.

Residence

The university provides residence accommodation in single and double rooms for approximately 1300 undergraduate men and 1400 undergraduate women, including a fair proportion of upper-year students, and 300 graduate students of both sexes.

Bedrooms are furnished with a single bed, desk, chair, wardrobe or closet, and dresser for each student. In most areas, facilities include sitting rooms on various floors, large central lounges, study rooms, and music and recreation areas. Laundry equipment is available in each residence and includes coin-operated washers and dryers, irons, and ironing boards.

Address inquiries to the Residence Admissions Office, Brockington House, Queen's University, Kingston, Ontario, K7L 3X3. Telephone (613) 545-2550.

An Accommodation Listing Service is provided to assist students, faculty, and staff to locate off-campus private housing accommodation. Information regarding the availability of private accommodation is on display in the office. Office hours are 8:30 a.m. to 4:30 p.m., Monday to Friday, during the fall and winter term. Address inquiries to:
Office of Apartment and Housing Service
169 University Avenue
Kingston, Ontario K7L 3N6
Telephone: (613) 545-2501

Residence fees 1990-91
$2511 (excluding meals)
$4662 (single room including meals)
$4484 (double room including meals)

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Liaison Office
Queen's University
Kingston, Ontario K7L 3N6
(613) 545-2217

Royal Military College

Kingston

Commandant and Vice-Chancellor: Commodore E.R. Murray

General Admission Requirements

Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, see the section on "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Physical Requirements

Candidates are required to meet the common enrolment standards of the Canadian Forces.

Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Applied Mathematics
Faculty of Science
Degree(s): B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English or in French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. One additional OAC.
These programs have limited enrolment.

Applied Science
Faculty of Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: An OAC in English or OAC French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program has limited enrolment.

Chemical and Materials Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: Either an OAC in English or OAC French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program is offered in English and in French. It has limited enrolment.

Chemistry
Faculty of Science
Degree(s): B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English or in French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. One additional OAC.
These programs have limited enrolment.

Civil Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: Either an OAC in English or OAC French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program is offered in English and in French. It has limited enrolment.

Commerce
Faculty of Arts
Degree(s): B.A. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
This program has limited enrolment.

Computer Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: Either an OAC in English or OAC French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program is offered in English and in French. It has limited enrolment.

Economics
Faculty of Arts
Degree(s): B.A. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
This program has limited enrolment.

Economics and Commerce
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
This program has limited enrolment.

Electrical Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: Either an OAC in English or OAC French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program is offered in English and in French. It has limited enrolment.

Engineering and Management
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: Either an OAC in English or OAC French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program is offered in English and in French. It has limited enrolment.

Engineering Physics
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: Either an OAC in English or OAC French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program is offered in English and in French. It has limited enrolment.

English
Faculty of Arts
Degree(s): B.A. (4 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
These programs have limited enrolment.

History
Faculty of Arts
Degree(s): B.A. (4 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
These programs have limited enrolment.

History and Political Science
Faculty of Arts
Degree(s): B.A. (4 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
These programs have limited enrolment.

Mechanical Engineering
Faculty of Engineering
Degree(s): B.Eng. (4 yrs).
Additional requirements: Either an OAC in English or OAC French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program is offered in English and in French. It has limited enrolment.

Military and Strategic Studies
Faculty of Arts
Degree(s): B.A. (4 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
These programs have limited enrolment.

Physics
Faculty of Science
Degree(s): B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English or in French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. One additional OAC.
These programs have limited enrolment.

Political and Economic Science
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
This program has limited enrolment.

Politics
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
This program has limited enrolment.

Politics and Geography
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. Other requirements exist. Contact institution for details.
This program has limited enrolment.

Space Science
Faculty of Science
Degree(s): B.Sc. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English or in French. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. One additional OAC.
These programs have limited enrolment.

Special Programs

Preparatory year at Collège militaire royal de Saint-Jean (CMR)

Graduates from secondary schools in Ontario should have successfully completed the OSSD including the following subjects: English (for English-speaking applicants) or français (for French-speaking applicants), mathematics (two credits), physics, and chemistry. Arts, Science, and Administration degree options taught in French are also available at CMR. Transfers between colleges are possible and normally occur on successful completion of second year.

Tuition Fees – Reserve Entry Cadets

The following scale applies to all officer cadets attending a Canadian military college with reserve status (fees quoted are subject to revision):

- college fee of $1080;
- payment for meals and accommodation (approximately $240 per month while in residence at a college);
- an annual recreation club fee of $80.

Residence

All cadets at Canadian military colleges are in full-time residence at the colleges. At RMC single rooms are normally provided, except in the first year, when it is usually beneficial to place two cadets in a room. Dining facilities are provided. Full recreational facilities, including an indoor swimming pool, are located near the residences.

The college is divided into squadrons under the direction of cadet officers in their senior year, with an experienced serving officer as squadron commander. Overall direction is in the hands of the Director of Cadets.

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Registrar
Royal Military College of Canada
Kingston, Ontario K7K 5L0
(613) 541-6302

Ryerson Polytechnical Institute

Toronto

President: Terence Grier

Undergraduate Enrolment 1990-91

Full-time	8 873
Part-time	10 460

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, see the section on "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Administration and Information Management
Faculty of Business
Degree(s): Bachelor of Applied Arts, Administration and Information Management (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. Either Year 4 mathematics or an OAC in mathematics preferred.

Aerospace Engineering
Faculty of Engineering and Applied Science
Degree(s): Bachelor of Technology, Aerospace Engineering, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. Other requirements exist. Contact institution for details.

Applied Chemistry and Biology
Faculty of Engineering and Applied Science
Degree(s): Bachelor of Technology, Applied Chemistry and Biology, Hon. (4 yrs); Bachelor of Technology, Applied Chemistry and Biology, Hon., Co-op (5 yrs).
Additional requirements: OAC biology. OAC chemistry. Either OAC calculus or OAC algebra & geometry; OAC calculus recommended. At the advanced level: Year 4 English.

Applied Computer Science
Faculty of Engineering and Applied Science
Degree(s): Bachelor of Technolgy, Applied Computer Science, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. OAC calculus. OAC algebra & geometry or OAC finite mathematics. OAC physics recommended.

Applied Geography
Faculty of Arts
Degree(s): Bachelor of Applied Arts, Applied Geography, Hon. (4 yrs).
Additional requirements: OAC English 1, OAC geography, and an OAC in mathematics recommended. Other requirements exist. Contact institution for details.

Architectural Science
Faculty of Engineering and Applied Science
Degree(s): Bachelor of Technology, Architectural Science, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. OAC physics. At the advanced level: Year 4 mathematics. Other requirements exist. Contact institution for details.

Business Management
Faculty of Business
Degree(s): Bachelor of Business Management, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. An OAC in mathematics; OAC calculus or OAC algebra & geometry preferred.

Chemical Engineering
Faculty of Engineering and Applied Science
Degree(s): Bachelor of Technology, Chemical Engineering, Hon., Co-op (5 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. At the advanced level: Year 4 English.
Applicants lacking one of the OAC prerequisites may be considered on an individual basis.

Civil Engineering
Faculty of Engineering and Applied Science
Degree(s): Bachelor of Technology, Civil Engineering, Hon. (4 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. At the advanced level: Year 4 English.
Applicants lacking one of the OAC prerequisites may be considered on an individual basis.

Diploma in Arts
Faculty of Arts
Degree(s): Diploma in Arts (3 yrs).
Additional requirements: Any three Year 4 academic subjects. Other requirements exist. Contact institution for details.

Early Childhood Education
Faculty of Community Services
Degree(s): B.A., Early Childhood Education, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. Other requirements exist. Contact institution for details. Approved students who do not hold either a valid Standard Red Cross or St. John's First Aid Certificate must obtain a certificate within two months of registration in Year 1. Volunteer experience related to early childhood education.

Electrical Engineering
Faculty of Engineering and Applied Science
Degree(s): B.Eng., Hon. (4 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. At the advanced level: Year 4 English.

Environmental Health
Faculty of Community Services
Degree(s): Bachelor of Applied Arts, Environmental Health, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. OAC biology. OAC chemistry.

Fashion, Design
Faculty of Applied Arts
Degree(s): Bachelor of Applied Arts, Fashion, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. An OAC in mathematics. Other requirements exist. Contact institution for details.

Fashion, Merchandise
Faculty of Applied Arts
Degree(s): Bachelor of Applied Arts, Fashion, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. An OAC in mathematics. Art course strongly recommended. Other requirements exist. Contact institution for details.

Food, Nutrition, Consumer and Family Studies
Faculty of Community Services
Degree(s): Bachelor of Applied Arts, Food, Nutrition, Consumer and Family Studies (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. OAC biology. OAC chemistry. At the advanced level: Year 4 mathematics. An OAC social science and senior-level family studies course recommended. Other requirements exist. Contact institution for details.
This program has limited enrolment.

Graphic Communications Management
Faculty of Applied Arts
Degree(s): Bachelor of Technology, Graphic Communications Management, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. At the advanced level: Year 3 chemistry and Year 4 mathematics. OAC chemistry recommended. Other requirements exist. Contact institution for details.
This program has limited enrolment.

Hospitality and Tourism Management
Faculty of Business
Degree(s): Bachelor of Applied Arts, Hospitality and Tourism Management, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. An OAC in mathematics. OAC calculus or OAC algebra & geometry preferred. Other requirements exist. Contact institution for details.

Industrial Engineering
Faculty of Engineering and Applied Science
Degree(s): Bachelor of Technology, Industrial Engineering, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Applicants lacking one of the OAC prerequisites may be considered on an individual basis.

Interior Design
Faculty of Applied Arts
Degree(s): Bachelor of Applied Arts, Interior Design, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. An OAC in mathematics. Either OAC history, OAC art history, OAC geography, OAC economics, OAC sociology, or OAC family studies. Physics (Year 3 or higher) and the art option in Years 3 and 4 and OAC level recommended. Other requirements exist. Contact institution for details.

Journalism
Faculty of Applied Arts
Degree(s): Bachelor of Applied Arts, Journalism (2 yrs); Bachelor of Applied Arts, Journalism (4 yrs).
Additional requirements: OAC English 1. Bachelor's degree from a recognized English-language university or equivalent (for 2-year program). Typing skill (30 wpm). Other requirements exist. Contact institution for details. These programs have limited enrolment.

Landscape Architectural Technology
Faculty of Engineering and Applied Science
Degree(s): Diploma in Landscape Architectural Technology (3 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. Either OAC biology, OAC chemistry, or OAC geography. At the advanced level: Year 4 mathematics. Other requirements exist. Contact institution for details.

Mechanical Engineering
Faculty of Engineering and Applied Science
Degree(s): Bachelor of Technology, Mechanical Engineering, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
Applicants lacking one of the OAC prerequisites may be considered on an individual basis.

Nursing
Faculty of Community Services
Degree(s): Bachelor of Applied Arts, Nursing, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. OAC chemistry. Either OAC biology or OAC physics. Ontario Heart and Stroke Foundation Basic Cardiac Life Support certificate. At the advanced level: Year 3 mathematics. Other requirements exist. Contact institution for details. This program leads to certification as a registered nurse.

Photographic Arts, Film Studies
Faculty of Applied Arts
Degree(s): Bachelor of Applied Arts, Photographic Arts, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. Other requirements exist. Contact institution for details.

Photographic Arts, Media Arts
Faculty of Applied Arts
Degree(s): Bachelor of Applied Arts, Photographic Arts, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. Other requirements exist. Contact institution for details.

Photographic Arts, Still Photography
Faculty of Applied Arts
Degree(s): Bachelor of Applied Arts, Photographic Arts, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. Other requirements exist. Contact institution for details.

Radio and Television Arts
Faculty of Applied Arts
Degree(s): Bachelor of Applied Arts, Radio and Television Arts (3 yrs).
Additional requirements: OAC English 1. Other requirements exist. Contact institution for details.

Social Work
Faculty of Community Services
Degree(s): Bachelor of Social Work, Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. Applicants must be at least 18 years of age on June 1 of the year in which they wish to enrol. Other requirements exist. Contact institution for details.

Survey Engineering
Faculty of Engineering and Applied Science
Degree(s): Bachelor of Technology, Survey Engineering, Hon. (4 yrs).
Additional requirements: OAC calculus. OAC chemistry. OAC physics. At the advanced level: Year 4 English. Applicants lacking one of the OAC prerequisites may be considered on an individual basis.

Theatre, Acting
Faculty of Applied Arts
Degree(s): Diploma, Theatre (Acting) (3 yrs).
Additional requirements: An OAC in English; OAC English 1 preferred. Applicants must be at least 17 years of age.

Theatre, Dance
Faculty of Applied Arts
Degree(s): Diploma, Theatre (Dance) (3 yrs).
Additional requirements: Applicants must be at least 16 years of age. Minimum of 5 years' ballet/classical/jazz dance training. Working knowledge of jazz and/or modern technique. Physical fitness. Other requirements exist. Contact institution for details.

Theatre, Technical Production
Faculty of Applied Arts
Degree(s): Diploma, Theatre (Technical Production) (3 yrs).
Additional requirements: Applicants must be at least 17 years of age. Other requirements exist. Contact institution for details.

Urban and Regional Planning
Faculty of Community Services
Degree(s): Bachelor of Applied Arts, Urban and Regional Planning (4 yrs).
Additional requirements: OAC English 1, an OAC in a modern language, OAC economics, OAC family studies, an OAC in mathematics, and OAC geography recommended. Other requirements exist. Contact institution for details.

Tuition Fees 1990-91

The total fee for full-time students who are Canadian citizens or landed immigrants was $1876.16 for the fall and winter terms, and $898 for the spring term. The total fee for full-time international students was $6417.16 for the fall and winter terms, and $3168.50 for the spring term.

Students whose total fees for the academic year (fall and winter terms) amount to more than $1125.70 (international students $3850.30) may pay their fees in two instalments but will incur a 1.5% interest charge per month on the outstanding balance. Payment of the balance due is required by the day before the first day of classes in January. For fee schedules for part-time students, special departmental charges, and cost of supplies for individual programs, please consult the Ryerson day school calendar. For current information contact the Ryerson Student Fees Department at (416) 979-5015.

Residence

O'Keefe House
Ryerson has two residences: O'Keefe House, which accommodates 38 men, and a 556-bed co-ed residence. There are also several other residences located within walking distance of Ryerson. Further information on housing is available from the Ryerson housing registry.

Neill-Wycik College
Neill-Wycik is a 22-storey, co-educational, co-operative residence owned and operated by the student residents. Located one block from the main Ryerson campus, the residence provides accommodation for approximately 700 students.

Housing Registry
The Ryerson housing registry lists a variety of off-campus accommodations, along with rates, addresses, and telephone numbers. Most of these listings are posted between mid-July and September, when a variety of support services are available at Ryerson to make the search easier. A variety of publications provide helpful advice on looking for accommodations or roommates. Further information and cost guidelines are available by telephoning (416) 979-5043.

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Information Centre
Ryerson Polytechnical Institute
350 Victoria St.
Toronto, Ontario M5B 2K3
(416) 979-5036

University of Toronto

Toronto

President: Mr. Robert Prichard

Undergraduate Enrolment 1990-91

Full-time	32 881
Part-time	12 460

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, please see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Actuarial Science
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry or finite mathematics.
No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Administration, Business and Public
Faculty of Arts and Science
Degree(s): B.A., Hon., Co-op (5 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus and an OAC in a language other than English recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

African Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

American Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Ancient Syria-Palestine
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Animal Behaviour
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus.
Other requirements exist. Contact university for details.

Anthropology
Faculty of Arts and Science
Degree(s): B.A./B.Sc. (3 yrs); B.A./B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Anthropology, Archaeology
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Anthropology, Linguistic
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Anthropology, Social/Cultural
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Anthropology (Physical)
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Anthropology and Geology
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Applied Mathematics
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Applied Physical Science
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Applied Science and Engineering
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Architecture
School of Architecture and Landscape Architecture
Degree(s): Bachelor of Architecture, Hon. (5 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry.

Art and Art History
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Artist Diploma
Faculty of Music
Degree(s): Artist Diploma in Music (3 yrs).
Additional requirements: Completion of a minimum of 30 credits for the OSSD. Five of these courses must be at the advanced level. OACs are not required but may be included. Other requirements exist. Contact university for details.

Arts
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. For Fine Arts option: OAC fine art. Other requirements exist. Contact university for details.

Arts Administration
Faculty of Arts and Science
Degree(s): B.A., Hon., Co-op (5 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. For Fine Arts Studio option: OAC in studio art. For Music or Drama option: OAC in music or drama. An OAC in a language other than English recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Assyriology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Astronomy
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs).

Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Astronomy and Physics
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Other requirements exist. Contact university for details.

Astronomy, Mathematics and Physics
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC physics recommended. Other requirements exist. Contact university for details.

Biochemistry
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Biochemistry and Chemistry
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Biogeography
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Biological Sciences
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. OAC chemistry. OAC biology or OAC physics recommended.
Other requirements exist. Contact university for details.

Biology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Other requirements exist. Contact university for details.

Biomedical Ethics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Botany
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Canadian Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Cell and Molecular Biology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. OAC biology and OAC physics recommended. Other requirements exist. Contact university for details.

Celtic Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Chemical Engineering
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4yrs.).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Chemical Physics
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Chemistry
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Chinese Language and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Chinese Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Christianity and Culture
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Cinema Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Civil Engineering
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Classical Civilization
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Classical Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Classics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Cognitive Science
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. For the Honours program: an OAC in mathematics. For Computer Science option: OAC calculus, OAC algebra & geometry. OAC biology and OAC physics recommended. Other requirements exist. Contact university for details.

Cognitive Science and Artificial Intelligence
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).

Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.
This program has limited enrolment.

Commerce
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.Com., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Commerce and East Asian Studies
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.
This program has limited enrolment.

Commerce and Finance
Faculty of Arts and Science
Degree(s): B.Com., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Composition
Faculty of Music
Degree(s): B.Mus., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Five additional OACs, one of which may be music. Other requirements exist. Contact university for details.

Computer Engineering
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Computer Science
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Computer Science and Physical Science
Faculty of Arts and Science
Degree(s): B.A., Hon., Co-op (5 years).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC physics recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Computer Science for Data Management
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Crime and Deviance
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Criminology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted.
This program has limited enrolment.

Czech and Slovak Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Drama
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Early Teacher Project
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. OAC chemistry. OAC physics recommended. Other requirements exist. Contact university for details.

East Asian Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

East Asian Studies and Religious Studies
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Ecology and Environmental Biology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. OAC chemistry. OAC biology and OAC physics recommended. Other requirements exist. Contact university for details.

Economic History
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Economics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Com. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Economics, Quantitative Methods
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Egyptology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Electrical Engineering
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Engineering Science
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

English
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

English and History
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Environment and Resource Management
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than

English. No more than 2 OACs in any one subject accepted.

Environmental Chemistry
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. OAC chemistry. OAC biology and OAC physics recommended. Other requirements exist. Contact university for details.

Environmental Management
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Environmental Sciences
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Environmental Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. An OAC in mathematics recommended. No more than 2 OACs in any one subject accepted.

Ethics, Society and Law
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Exceptionality in Human Learning
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details. These programs have limited enrolment.

Fine Art, History of Art
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Fine Art, Studio Art
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Forest Science
Faculty of Forestry
Degree(s): B.Sc., Forestry, Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. OAC biology. OAC chemistry.

French
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

French Language and French Linguistics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

French Language and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

French Language, Literature and Translation
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted.

Geoarcheology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Geography
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Geological and Mineral Engineering
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Geology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

German
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either OAC mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

German Language
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC German recommended. Other requirements exist. Contact university for details.

German Language and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Greek
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted.

Greek and Roman History
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Hebrew
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Historical and Cultural Geography
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

History
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

History and Literature of Music
Faculty of Music
Degree(s): B.Mus., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Five additional OACs; one may be music. Other requirements exist. Contact university for details.

History and Philosophy of Science
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. An OAC in science recommended. No more than 2 OACs in any one subject accepted.

History of Science and Technology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Human Biology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Humanities
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Humanities and Psychoanalytic Thought
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted.
This program has limited enrolment.

Hungarian Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Immunology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.
This program has limited enrolment.

Industrial Engineering
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Industrial Relations
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

International Development Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon., Co-op (5 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

International Relations
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted.
These programs have limited enrolment.

Islamic Studies and Religious Studies
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Italian
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Italian Language
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1.

Japanese Language and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Japanese Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Jewish Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Korean Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Labour Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either OAC mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Labour-Management Relations
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted.
These programs have limited enrolment.

Landscape Architecture
School of Architecture and Landscape Architecture
Degree(s): Bachelor of Landscape Architecture, Hon. (5 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either OAC calculus or OAC finite mathematics. OAC algebra & geometry.

Latin
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. OAC Latin recommended. No more than 2 OACs in any one subject accepted.

Latin American Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Licentiate Diploma
Faculty of Music
Degree(s): Licentiate Diploma in Music (3 yrs).
Additional requirements: Completion of a minimum of 30 credits for the OSSD. Five of these courses must be at the advanced level. OACs are not required but may be included. Other requirements exist. Contact university for details.

Linguistics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Literary Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Logic
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Management
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. One OAC mathematics recommended. Other requirements exist. Contact university for details.

Management and Economics
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English or OAC anglais 1. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics. Other requirements exist. Contact university for details.

Management and Economic Theory
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics. Other requirements exist. Contact university for details.

Materials Science
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Mathematical Linguistics
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted.

Mathematical Sciences
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Mathematical Sciences (Mathematics)
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry.

Mathematical Sciences (Computer Science)
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais. OAC calculus. OAC algebra & geometry.

Mathematical Sciences (Statistics)
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs).
Additional requirements: Either English OAC 1 or anglais 1. OAC calculus. OAC algebra & geometry.

Mathematical Statistics
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Mathematics
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Mathematics and Statistics
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC physics recommended. Other requirements exist. Contact university for details.

Mechanical Engineering
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Medicine, Morality and the Law
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted.

Medieval and Modern Hebrew
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Medieval Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Metallurgical Engineering and Materials Science
Faculty of Applied Science and Engineering
Degree(s): B.Ap.Sc. (4yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.

Microbiology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Middle East and Islamic Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Hebrew Language and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC French recommended. Other requirements exist. Contact university for details.

Modern Languages and Literature, French
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages and Literature, German
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages and Literature, Greek
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages and Literature, Hebrew
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than

English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages and Literature, Italian
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages and Literature, Polish
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages and Literature, Portuguese
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages and Literature, Russian
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages and Literature, Spanish
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Modern Languages and Literature, Ukrainian
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Molecular Genetics and Molecular Biology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.
This program has limited enrolment.

Molecular Plant Biology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Music
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Music Education
Faculty of Music
Degree(s): B.Mus., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Five additional OACs; one may be music. Other requirements exist. Contact university for details.

Music, History and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Native Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Near Eastern Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Near Eastern Studies and Religious Studies
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Near Eastern Studies, Hellenistic
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Neurosciences
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. OAC physics and OAC chemistry recommended.
Other requirements exist. Contact university for details.
This program has limited enrolment.

Nursing
Faculty of Nursing
Degree(s): B.Sc., Nursing, Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC biology. OAC chemistry. An OAC in mathematics strongly recommended.

Nutritional Sciences
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Occupational Therapy
Department of Rehabilitation Medicine
Degree(s): B.Sc., Occupational Therapy, Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics. OAC biology.

Palaeontology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Peace and Conflict Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Performance
Faculty of Music
Degree(s): B.Mus., Hon. (4 yrs).
Additional requirements: Completion of a minimum of 30 credits for the OSSD. Five of these courses must be at the advanced level. OACs are not required but may be included. Other requirements exist. Contact university for details.

Pharmacology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.
This program has limited enrolment.

Pharmacy
Faculty of Pharmacy
Degree(s): B.Sc., Pharmacy, Hon. (4 yrs).

Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC biology. OAC chemistry. OAC physics. Either an OAC in social studies or an OAC in humanities. Written examination.

Philosophy
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Philosophy Applied to Life Sciences
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Physical and Health Education
School of Physical and Health Education
Degree(s): Bachelor of Physical and Health Education, Hon. (4 yrs).
Additional requirements: OAC biology. An OAC in mathematics. OAC calculus preferred. Either OAC chemistry or OAC physics. OAC physical education.

Physical Geography
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Physical Sciences
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics recommended.

Physical Therapy
Department of Rehabilitation Medicine
Degree(s): B.Sc., Physical Therapy, Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics. OAC biology. OAC chemistry. OAC physics.

Physics
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Physiology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Plant Pathology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Plant Population Biology and Evolution
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Polish
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Polish Language and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Political Science
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Population and Society
Faculty of Arts and Science
Degree(s): B.A. (3 yrs)..*Additional requirements:* Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Portuguese
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Psychology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Religious Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Renaissance Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Russian
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Russian and East European Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Russian Language and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Science and Society
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Science and Technology Studies
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Semiotics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).

Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Slavic Languages
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Slavic Languages and Literatures
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Sociology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Sociology and Social Anthropology
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Sociology and Urban Studies
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

South Asian Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Spanish
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Spanish Language
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1.

Statistics
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Surveying Science
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Terrain and Environmental Earth Sciences
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. OAC chemistry, OAC physics, and OAC biology recommended. Other requirements exist. Contact university for details.

Theatre and Drama Studies
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Theory
Faculty of Music
Degree(s): B.Mus., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Five OACs; one may be music. Other requirements exist. Contact university for details.

Toxicology
Faculty of Arts and Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Ukrainian
Faculty of Arts and Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Ukrainian Language and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Urban and Economic Geography
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted.

Urban Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Victorian Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Either an OAC in mathematics or an OAC in a language other than English. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Women's Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. Other requirements exist. Contact university for details.

Wood Products Science
Faculty of Forestry
Degree(s): B.Sc., Forestry, Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. OAC biology. OAC chemistry.

Zoology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC English 1 or OAC anglais 1. OAC calculus. No more than 2 OACs in any one subject accepted. Other requirements exist. Contact university for details.

Special Programs

Transitional Year Program

The Transitional Year Program (TYP) is a full-time course of studies for students who have the potential and motivation to pursue university education but do not possess the required entrance qualifications. The program covers one academic year from September to May. Each year TYP enrols a limited number of promising students who had either earlier dropped out of high school for social or financial reasons or had received diplomas in courses other than the normal university admission stream and are thus academically unprepared for university.

Priority in admission is given to people who clearly have not had a fair chance to qualify for university entry. The program's Admissions Committee considers socio-economic factors such as family income and parents' education in determining whether there were conditions that may have prevented the individual from staying in school despite academic ability.

Students entering the program should be at least 19 years old and typically have been in

the work force for at least one year. Applicants are expected to be able to indicate why the Transitional Year Program would be the only route through which they can achieve admission to university.

Students are enrolled for one academic session (September to May) in a special program whose aims are:

- to provide the student with the basic learning and communication skills necessary for university;
- to give the student exposure to the organized approaches to ideas and problems that characterize social science and humanistic studies;
- to help the student obtain course credit in one university subject as part of the student's future university program.

Students in the program are eligible for awards from the Ontario Student Assistance Program (OSAP). For further information about the program phone (416) 978-6832.

Tuition Fees 1990-91

Arts and science: plus college membership and incidental fees	$354 (per course)
Applied science and engineering:	$1921
incidental fees:	$ 414.28
Architecture:	$1921
incidental fees:	$ 377.28
Biomedical communications:	$1770
incidental fees:	$ 296.78
Dentistry (1st year):	$2215
incidental fees:	$ 269.28
instruments fee:	$3734
Forestry:	$1770
incidental fees:	$ 285.28
Landscape architecture:	$1921
incidental fees:	$ 367.28
Law:	$1770
incidental fees:	$ 317.28
Medicine (1st year):	$2251
microscope / incidental fees:	$ 296.78
Music:	$1770
incidental fees:	$ 262.28
Nursing:	$1770
incidental fees:	$ 274.78
Pharmacy:	$1770
incidental fees:	$ 282.28
Physical and health education:	$1770
incidental fees:	$ 267.28
Physical and occupational therapy:	$1770
incidental fees:	$ 272.28

Fees for new international students

Physical and health education, music, law, arts and science, art as applied to medicine: (not including incidental fees)	$6673
All other programs: (not including incidental and other fees where applicable)	$10 877

All fees are approximate and subject to change without notice.

Residence

If, on their application for admission, students indicate an interest in residence, they will automatically be sent an application for residence accommodation. Further inquiries about available accommodation should be addressed to one of the following officials:

Director of Residence, University College
Dean of Men or Dean of Women, Victoria College
Dean of Men or Dean of Women, Trinity College
Dean of Men, St. Michael's College, or Dean, St. Joseph's College (Women), 90 Wellesley Street West, Toronto, Ontario M5S 1C5, or
Dean, Loretto College (Women), 70 St. Mary St., Toronto, Ontario M5S 1J3
Dean of Men or Dean of Women, New College
Residence Co-ordinator, Innis College
Residence Officer, Scarborough College, Room S303-1, 1265 Military Trail, Scarborough, Ontario M1C 1A4
Director of Student Affairs, Erindale College, 3359 Mississauga Road, Mississauga, Ontario L5L 1C6
Secretary to the Dean (Men's Residence), Devonshire House

For 1990-91 the total cost of residence accommodation, including meals, ranged from approximately $4500 to $5000 per session (September to May).

Off Campus Housing

There are rooms, apartments and shared accommodations available in the Scarborough area. Students who wish to rent apartments should start their search early.

For assistance in finding other accommodation, students should contact:
University Housing Service
214 College Street
Koffler Student Services Centre
Toronto, Ontario M5T 2Z9

A variety of residence accommodation is offered by the two independent residences listed below. They have no official connection with the university. Inquiries should be made directly to:

Campus Co-operative Residence Inc.
395 Huron Street
Toronto, Ontario M5S 2G5

Tartu College
310 Bloor Street West
Toronto, Ontario M5S 1W4

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Office of Admissions and Liaison
University of Toronto
315 Bloor St. W.
Toronto, Ontario M5S 1A3
(416) 978-2771 (Ontario Secondary School Students)
(416) 978-2190 (Others)

Trent University

Peterborough

President: John O. Stubbs

Undergraduate Enrolment 1990-91

Full-time	3678
Part-time	1821

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, please see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/ selected fields of interest are offered within the major degree programs. Contact the university for details.

Administrative and Policy Studies
Faculty of Arts and Science
Degree(s): Bachelor of Administrative Studies, Hon. (4 yrs).
Additional requirements: OACs in 4 distinct academic disciplines. At the advanced level: Year 4 mathematics. OAC calculus recommended.

Anthropology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OACs in 4 distinct academic disciplines. An OAC in English; OAC English 1 recommended. For the B.Sc. program: an OAC in mathematics.

Biochemistry
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OACs in 4 distinct academic disciplines. OAC biology. OAC chemistry.

Biology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OACs in 4 distinct academic disciplines. OAC biology recommended.

Canadian Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Chemical Physics
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. OAC chemistry. OAC physics. OACs in 4 distinct academic disciplines.

Chemistry
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OAC calculus. OAC chemistry. OACs in 4 distinct academic disciplines. OAC physics strongly recommended.

Classical Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. OACs in 4 distinct academic disciplines.

Comparative Development Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Computer Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OACs in 4 distinct academic disciplines. An OAC in English; OAC English 1 recommended. For the B.Sc. program: an OAC in mathematics.

Cultural Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Economics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OACs in 4 distinct academic disciplines. An OAC in English; OAC English 1 recommended. An OAC in mathematics. Other requirements exist. Contact university for details.

Education, Arts, Concurrent
Faculty of Arts and Science
Degree(s): B.A./B.Ed. (concurrent) (4 yrs); B.A., Hon./B.Ed. (5 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines. Other requirements exist. Contact university for details.
This program leads to Ontario teaching certification.
The final year of the B.Ed. is at Queen's University.

Education, Science, Concurrent
Faculty of Arts and Science
Degree(s): B.Sc./B.Ed. (concurrent) (4 yrs); B.Sc., Hon./B.Ed. (5 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines. Other requirements exist. Contact university for details.
This program leads to Ontario teaching certification.
The final year of the program is at Queen's University.

English Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Environmental and Resource Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OACs in 4 distinct academic disciplines. An OAC in English; OAC English 1 recommended. For the B.Sc. program: an OAC in mathematics. OAC biology and OAC chemistry strongly recommended. OAC physics and OAC geography recommended.

French Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Geography
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OACs in 4 distinct academic disciplines. An OAC in English; OAC English 1 recommended. Other requirements exist. Contact university for details.

German Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Hispanic Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

History
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Mathematics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OACs in 4 distinct academic disciplines. At the advanced level: Year 4 mathematics. OAC calculus and OAC algebra & geometry strongly recommended. For the B.Sc. programs: an OAC in English; OAC English 1 recommended. For the Honours program: OAC calculus and OAC algebra & geometry strongly recommended.

Native Management and Economic Development
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); Diploma Programs in Native Management and Economic Development (2 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines. For the Diploma Programs: Grade 12 or mature student status.
Students of Native ancestry are encouraged to apply.

Native Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); Diploma Programs in Native Studies (2 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines. For the Diploma Programs: Grade 12 or mature student status.
Students of Native ancestry are encouraged to apply.

Philosophy
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Physics
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OACs in 4 distinct academic disciplines. Either OAC calculus or OAC algebra & geometry. OAC calculus recommended. OAC physics strongly recommended.

Political Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Psychology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OACs in 4 distinct academic disciplines. An OAC in English; OAC English 1 recommended. For the B.Sc. program: an OAC in mathematics.

Sociology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Women's Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English; OAC English 1 recommended. OACs in 4 distinct academic disciplines.

Special Programs
French, German, and Spanish Study Abroad
Trent University students may study abroad for one academic year and obtain credits for regular Trent language courses. Courses are taken under the supervision of Canadian faculty and are offered at the following universities: Nantes (France), Freiburg (West Germany), and Granada (Spain). Students can also take courses with European students for credit and will benefit from all the facilities offered the normal European student: subsidized meals and accommodation, cultural trips, and cheaper transportation. The cost of the year abroad, including accommodation, will not normally exceed that of a year in residence at Trent. These programs are especially recommended for honours candidates. Inquiries should be directed to the chairman of the appropriate department.

Tuition Fees 1991-92
$2287.83, subject to increased ancillary and student government fees.

Residence
About one-third of Trent's students live in residence. Trent houses 1100 students in the five residential colleges: two in the city of Peterborough and three on the main campus. Most of the rooms (81%) are singles. Normally the university can accommodate about 600 Year 1 students in the residential colleges. Non-resident members of the colleges are entitled to full use of college facilities.
Fees 1991-92

(including meals)	
Single	$4724
Double	$4464
Townhouse (excludes meals)	$2678

Scholarships and Financial Assistance
Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information
Check the university calendar, available in your guidance office or local library, or contact:
Registrar/Director of Admissions
Trent University
Peterborough, Ontario K9J 7B8
(705) 748-1215

University of Waterloo

Waterloo

President: D.T. Wright

Undergraduate Enrolment 1990-91

Full-time	15 935
Part-time	5 566

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs
Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Accountancy Studies
Faculty of Arts
Degree(s): B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus, OAC accounting, and OAC finite mathematics recommended.
This program has limited enrolment.

Actuarial Science
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon. (4 yrs); Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Anthropology
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. An OAC in mathematics strongly recommended.

Applied Mathematics
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon. (4 yrs); Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Architecture, Pre-Professional
Faculty of Environmental Studies
Degree(s): Bachelor of Environmental Studies, Co-op (3 1/3 yrs).

Admission requirements: Either an OAC in English or OAC French. OAC calculus. OAC algebra & geometry. OAC physics. OAC finite mathematics recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Architecture, Professional
Faculty of Environmental Studies
Degree(s): Bachelor of Architecture, Co-op (2 2/3 yrs).
Admission requirements: Completion of Architecture, Pre- Professional Degree. Other requirements exist. Contact university for details.
This program has limited enrolment.

Arts Administration Specialization
Faculty of Arts
Degree(s): B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. Mathematics and science courses recommended.

Biochemistry
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC chemistry. OAC physics. Either OAC algebra & geometry or OAC finite mathematics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Biology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus and OAC chemistry. Either OAC biology or OAC physics. OAC physics recommended. Either OAC algebra & geometry or OAC finite mathematics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Chemical Engineering
Faculty of Engineering
Degree(s): Bachelor of Applied Science, Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. OAC English 1. OAC finite mathematics and one or two computer science courses recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Chemistry
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC chemistry. OAC physics. Either OAC algebra & geometry or OAC finite mathematics.Other requirements exist. Contact university for details.
These programs have limited enrolment.

Civil Engineering
Faculty of Engineering
Degree(s): Bachelor of Applied Science, Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. OAC English 1. OAC finite mathematics and one or two computer science courses recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Classical Studies
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Combinatorics and Optimization
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon. (4 yrs); Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Computer Engineering
Faculty of Engineering
Degree(s): Bachelor of Applied Science, Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. OAC English 1. OAC finite mathematics and one or two computer science courses recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Computer Science
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon. (4 yrs); Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Computer Science, Information Systems
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Dance
Faculty of Applied Health Sciences
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: An OAC in English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Drama and Theatre Arts (Acting, Technical, Academic Streams)
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Earth Sciences
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC chemistry. OAC physics. Either OAC algebra & geometry or OAC finite mathematics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Economics
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. OAC calculus strongly recommended.

Electrical Engineering
Faculty of Engineering
Degree(s): Bachelor of Applied Science, Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. OAC English 1. OAC finite mathematics and one or two computer science courses recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

English (Literature, Rhetoric and Professional Writing)
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Environment and Resource Studies
Faculty of Environmental Studies
Degree(s): Bachelor of Environmental Studies, Hon. (4 yrs); Bachelor of Environmental Studies, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in mathematics, an OAC in geography, and an OAC in science recommended.
These programs have limited enrolment.

Environmental Science
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, or OAC physics. OAC chemistry and OAC physics recommended. Other requirements exist. Contact university for details.

Fine Arts (Studio, Art History, or Film Studies)
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

French
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

French, Teaching Specialization
Faculty of Arts
Degree(s): B.A./B.Ed. (concurrent), Co-op (4 2/3 yrs). This program leads to Ontario teaching certification.
Admission requirements: An OAC in English. An OAC in an arts-related course. OAC mathematics and science courses recommended.

Geography
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Faculty of Environmental Studies
Degree(s): Bachelor of Environmental Studies (3 yrs); Bachelor of Environmental Studies, Hon. (4 yrs); Bachelor of Environmental Studies, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in mathematics encouraged. These programs have limited enrolment.

Geological Engineering
Faculty of Engineering
Degree(s): Bachelor of Applied Science, Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. OAC English 1. OAC finite mathematics and one or two computer science courses recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

German
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); 3.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Greek
Faculty of Arts
Degree(s): B.A. (3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Health Studies
Faculty of Applied Health Sciences
Degree(s): B.Sc., Hon. (4 yrs). B.Sc., Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC biology. OAC chemistry. OAC calculus and OAC physics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

History
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Independent Studies
Degree(s): Bachelor of Independent Studies (3 yrs)
Admission requirements: An interview is required. Other requirements exist. Contact university for details.

International Trade Specialization
Faculty of Arts
Degree(s): B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. Mathematics and science courses recommended.

Kinesiology
Faculty of Applied Health Sciences
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC chemistry. Either OAC biology or OAC physics. OAC physics recommended. These programs have limited enrolment.

Latin
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Liberal Science
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics. OAC chemistry and OAC physics recommended. Other requirements exist. Contact university for details.

Management Studies Specialization
Faculty of Arts
Degree(s): B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. Mathematics and science courses recommended.

Mathematics, Business Administration
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon. (4 yrs); Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Mathematics, Chartered Accountancy
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC accounting. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Mathematics, Interdepartmental Program
Faculty of Mathematics
Degree(s): Bachelor of Mathematics (3 yrs); Bachelor of Mathematics, Hon. (4 yrs); Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Mathematics, Management Accounting
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC accounting. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Mathematics, Teaching Option
Faculty of Mathematics
Degree(s): Bachelor of Mathematics/B.Ed., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment. This program leads to Ontario teacher certification.

Mechanical Engineering
Faculty of Engineering
Degree(s): Bachelor of Applied Science, Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. OAC English 1. OAC finite mathematics and one or two computer science courses recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Medieval Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Music
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Operations Research
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon. (4 yrs); Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Optometry, Professional
Faculty of Science
Degree(s): Doctor of Optometry (4 yrs).
Admission requirements: Completion of first-year university science. Other requirements exist. Contact university for details.
This program has limited enrolment. This program leads to certification as a Doctor of Optometry.

Personnel Studies Specialization
Faculty of Arts
Degree(s): B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. Mathematics and science courses recommended.

Philosophy
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Physics
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC physics. Either OAC biology or OAC chemistry. Either OAC algebra & geometry or OAC finite mathematics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Political Science
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. An OAC in mathematics strongly recommended.

Psychology
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. An OAC in mathematics strongly recommended.

Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics. OAC chemistry and OAC physics recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Pure Mathematics
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon. (4 yrs); Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Recreation and Leisure Studies
Faculty of Applied Health Sciences
Degree(s): B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English recommended. An OAC in mathematics recommended.
These programs have limited enrolment.

Religious Studies
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Russian
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Science
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics. OAC chemistry and OAC physics recommended. Other requirements exist. Contact university for details.

Science and Business
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.Sc., Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics. OAC chemistry and OAC physics recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Science, Teaching Option
Faculty of Science
Degree(s): B.Sc., Hon./B.Ed., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. Two of OAC biology, OAC chemistry, and OAC physics. OAC chemistry or OAC physics recommended. Other requirements exist. Contact university for details.
This program has limited enrolment. This program leads to Ontario teaching certification.

Slavic Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Social Development Studies
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. An OAC in mathematics strongly recommended.

Sociology
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course. An OAC in mathematics strongly recommended.

Spanish
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Speech Communication
Faculty of Arts
Degree(s): B.A. (3 yrs and 4 yrs).
Admission requirements: An OAC in English. An OAC in an arts-related course.

Statistics
Faculty of Mathematics
Degree(s): Bachelor of Mathematics, Hon. (4 yrs); Bachelor of Mathematics, Hon., Co-op (4 2/3 yrs).
Admission requirements: An OAC in English, OAC calculus, and OAC algebra & geometry. OAC finite mathematics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Systems Design Engineering
Faculty of Engineering
Degree(s): Bachelor of Applied Science, Hon., Co-op (4 2/3 yrs).
Admission requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. OAC English 1. OAC finite mathematics and one or two computer science courses recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Urban and Regional Planning
Faculty of Environmental Studies
Degree(s): Bachelor of Environmental Studies, Hon. (4 yrs); Bachelor of Environmental Studies, Hon., Co-op (4 1/3 yrs).
Admission requirements: An OAC in English. An OAC in mathematics recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Special Programs

Regular and co-operative systems of study
As well as offering a regular system of study in which students enrol from September to April, the university offers a co-operative education system in all faculties and within a broad range of academic and professional studies. Students enrolled in the co-operative programs alternate academic terms on-campus with work terms in business, industry, or government. The study and work terms are each four months long. The Department of Co-operative Education and Career Services makes the necessary arrangements for the work terms. Normally, applicants must be Canadian citizens or permanent residents (landed immigrants) in order to be considered for admission to a co-operative program. New residents of Canada who are in the process of having their immigration status clarified (e.g., refugee claimants, applicants for permanent resident status, and those holding minister's permits) will be considered on an individual basis. If such an applicant is

admitted, continued registration in a co-operative program will be contingent upon providing proof of a valid work permit. Those in Canada on student authorizations (student visas) are not eligible for admission to co-operative programs.

Tuition Fees 1991-92

The following possible total undergraduate fees for Canadian citizens and permanent residents are for a four-month academic term, including incidental fees and GST.

Applied health sciences,	regular:	$987.08
	co-op:	$1334.26
Architecture - year 1:		$1065.08
upper year co-op:		$1400.26
Arts, regular:		$991.08
Accountancy studies:		$1265.08
Arts co-op:		$1338.26
Engineering:		$1495.76
Environmental studies, regular:		$989.08
	co-op:	$1336.26
Independent studies:		$984.08
Mathematics, regular:		$991.58
	co-op:	$1338.76
Optometry:		$1119.08
Science, regular:		$1043.08
co-op:		$1390.26

Residence 1991-92

Student Village I and II	(single)	$2311
	(double)	$2150
	(interconnecting room)	$2248
Conrad Grebel College	(double)	$2120
Renison College	(single)	$2311.10
	(double)	$2150.50
St. Jerome's College	(double)	$2150.50
Notre Dame College	(single)	$2225
(double) (no meals Saturdays)		$2068
St. Paul's College (semi-private)		
	approximately	$2150
Resurrection College	(single)	$2395
Columbia Lake Townhouses (upper-year students only) (single, no meals)		$1153

The above fees are for a four-month academic term. All rates include meals (except where noted).

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Associate Registrar
Admissions and Student Awards
University of Waterloo
Waterloo, Ontario N2L 3G1
(519) 885-1211, ext. 2265

University of Western Ontario

London

President: K. G. Pederson

Undergraduate Enrolment 1990-91

Full-time	19 764
Part-time	6 336

General Admission Requirements

Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, please see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/ selected fields of interest are offered within the major degree programs. Contact the university for details.

Actuarial Science
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Actuarial Science and Computer Science
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Actuarial Science and Mathematics
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Actuarial Science with Economics
Faculty of Science
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus and OAC algebra & geometry.
This program has limited enrolment.

Administrative and Commercial Studies
Faculty of Social Science
Degree(s): B.A. (3 yrs).
Admission requirements: OAC English 1. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Anthropology
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC in English 1. An OAC in a language other than English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Anthropology (Linguistics Specialization) and Psychology
Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Anthropology, Linguistics Specialization
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Applied Mathematics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Applied Mathematics and Computer Science
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Art History and Criticism
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Astronomy
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Astronomy and Geophysics (Planetary Science)
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Biochemistry
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry
This program has limited enrolment.

Biology
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.

OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Biology and Chemistry
Faculty of Science
Degree(s): B.Sc. (3 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Biology and Environmental Science
Faculty of Science
Degree(s): B.Sc. (3 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Biophysics
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus.OAC algebra & geometry.
This program has limited enrolment.

Business Administration
School of Business Administration
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: 10 full courses of university study. Other requirements exist.
Contact university for details.
This program has limited enrolment.

Cell Biology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus and OAC algebra & geometry.
This program has limited enrolment.

Chemical and Biochemical Engineering
Faculty of Engineering Science
Degree(s): B.Eng. Science, Hon. (4 yrs).
Admission requirments: OAC calculus, OAC algebra & geometry, OAC chemistry, OAC physics. OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Chemistry
Faculty of Science
Degree(s): B.Sc. (3 yrs);
B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus and OAC algebra & geometry.
These programs have limited enrolment.

Chemistry and Environmental Science
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
These programs has limited enrolment.

Chemistry and Geology
Faculty of Science
Degree(s): B.Sc. (3 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Civil Engineering
Faculty of Engineering Science
Degree(s): B.Eng. Science, Hon. (4 yrs).
Admission requirments: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics, and OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Classical Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Classics
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Computer Science
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.A. (3 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Computer Science and Mathematics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Computer Science and Statistics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus and OAC algebra & geometry.
These programs have limited enrolment.

Dentistry
Faculty of Dentistry
Degree(s): Doctor of Dental Surgery (4 yrs).
Admission requirements: Two years of undergraduate studies. Other requirements exist.
Contact university for details.
This program has limited enrolment. It leads to certification as a Doctor of Dentistry.

Diploma in French Legal Terminology
Faculty of Law
Degree(s): Diplôme de français juridique (3 yrs).
Admission requirements: Two years of undergraduate studies. Other requirements exist.
Contact university for details.
This program is offered in English and in French. This program has limited enrolment.

Ecology and Evolution
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Economics
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English recommended. OAC calculus strongly recommended. Either OAC algebra & geometry or OAC finite mathematics recommended. OAC computer studies recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Education
Faculty of Education
Degree(s): B.Ed. (*1 yr*).
Admission requirements: Bachelor's degree from a recognized university or equivalent.
Other requirements exist. Contact university for details.
This program has limited enrolment. It leads to Ontario teaching certification.

Electrical Engineering
Faculty of Engineering Science
Degree(s): B.Eng. Science, Hon. (4 yrs).
Admission requirments: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics. OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

English
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

English and Drama
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Environmental Science
Faculty of Science
Degree(s): B.Sc. (3 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Film
Faculty of Arts
Degree(s): B.A. (3 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

French
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.
They are offered only in French.

Genetics
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Geography
Faculty of Social Science
Degree(s): B.Sc., Hon. (4 yrs); B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English and OAC computer studies recommended. For the B.Sc., Hon. and B.A. programs: OAC calculus. OAC algebra & geometry recommended. For the B.A., Hon. program: OAC calculus and OAC algebra & geometry recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Geography and Geology
Faculty of Social Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English, OAC calculus, OAC algebra & geometry, and OAC computer studies recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Geography, Environment and Resources Management
Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English, OAC calculus, either OAC algebra & geometry or OAC finite mathematics and OAC computer studies recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Geography, Urban Development
Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English, OAC calculus, either OAC algebra & geometry or OAC finite mathematics and OAC computer studies recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Geology
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.A. (3 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Geophysics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus and OAC algebra & geometry.
These programs have limited enrolment.

German
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Greek
Faculty of Arts
Degree(s): B.A. (3 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

History
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

History of Science
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

History of Science and History
Faculty of Science
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Home Economics, Clothing, Textiles and Design
Faculty of Science
Degree(s): B.Sc., Home Economics (3 yrs); B.Sc., Home Economics, Hon. (4 yrs).
Admission requirements: OAC English 1. Year 4 mathematics. At the advanced level: Year 3 chemistry. Either OAC biology, OAC chemistry, or OAC physics. OAC biology and OAC chemistry recommended.
These programs have limited enrolment.

Home Economics, Comprehensive
Faculty of Science
Degree(s): B.Sc., Home Economics (3 yrs); B.Sc., Home Economics, Hon. (4 yrs).
Admission requirements: OAC English 1. OAC biology.OAC chemistry. Mathematics.
These programs have limited enrolment.

Home Economics, Foods and Nutrition
Faculty of Science
Degree(s): B.Sc., Home Economics (3 yrs); B.Sc., Home Economics, Hon. (4 yrs).
Admission requirements: OAC English 1. OAC biology. OAC chemistry. Year 4 mathematics.
These programs have limited enrolment.

Latin
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Law
Faculty of Law
Degree(s): (LL.B. (3 yrs).
Admission requirements: Two years of undergraduate studies. Other requirements exist. Contact university for details.
This program has limited enrolment. It leads to certification as a lawyer.

Materials Engineering
Faculty of Engineering Science
Degree(s): B.Eng. Science, Hon. (4 yrs).
Admission requirments: OAC calculus, OAC algebra & geometry. OAC chemistry. OAC physics. OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Mathematics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Mathematics and Statistics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Mathematics with Computer Science
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus.OAC algebra & geometry.
This program has limited enrolment.

Mechanical Engineering
Faculty of Engineering Science
Degree(s): B.Eng. Science, Hon. (4 yrs).
Admission requirments: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Medicine
Faculty of Medicine
Degree(s): Doctor of Medicine (M.D.) (4 yrs).
Admission requirements: Three years of undergraduate studies. For first-year university: OAC English 1. OAC biology, OAC chemistry, OAC physics, OAC calculus, OAC algebra & geometry, and OAC functions and relations strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment. It leads to certification as a Doctor of Medicine.

Microbiology and Immunology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus.OAC algebra & geometry.
This program has limited enrolment.

Music
Faculty of Music
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. Either OAC music or appropriate level of conservatory music. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Music Education
Faculty of Music
Degree(s): B.Musical Arts (3 yrs); B.Mus., Hon. (4 yrs).
Admission requirements: OAC English 1. Either OAC music or appropriate level of conservatory music. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Music History
Faculty of Music
Degree(s): B.Mus., Hon. (4 yrs).
Admission requirements: OAC English 1. Either OAC music or appropriate level of conservatory music. Other requirements exist. Contact university for details.
This program has limited enrolment.

Music, Performance
Faculty of Music
Degree(s): B.Musical Arts (3 yrs); B.Mus., Hon. (4 yrs).
Admission requirements: OAC English 1. Either OAC music or appropriate level of conservatory music. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Music, Theory and Composition
Faculty of Music
Degree(s): B.Mus., Hon. (4 yrs).
Admission requirements: OAC English 1. Either OAC music or appropriate level of conservatory music. Other requirements exist. Contact university for details.
This program has limited enrolment.

Nursing
Faculty of Nursing
Degree(s): B.Sc., Nursing, Hon. (4 yrs).
Admission requirements: OAC English 1. At the advanced level: Year 4 mathematics. OAC biology. OAC chemistry. OAC calculus and OAC algebra & geometry recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Occupational Therapy
Faculty of Applied Health Sciences
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: One year of university studies; for first-year university: OAC English 1; OAC biology strongly recommended; an OAC mathematics recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Pharmacology and Toxicology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus and OAC algebra & geometry.
This program has limited enrolment.

Philosophy
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Philosophy and History of Science
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Philosophy and Mathematics
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry. An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Philosophy and Psychology
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Physical Education
Faculty of Kinesiology
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC biology strongly recommended. Either Year 4 mathematics or an OAC in mathematics strongly recommended. Either Year 4 physics or OAC physics strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Physical Therapy
Faculty of Applied Health Sciences
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: One year of university studies; for first-year university: OAC English 1. OAC calculus.OAC algebra & geometry.
This program has limited enrolment.

Physics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Physiology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Physiology and Psychology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus.OAC algebra & geometry.
This program has limited enrolment.

Plant Sciences
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Political Science
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Psychology
Faculty of Social Science
Degree(s): B.Sc., Hon. (4 yrs); B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: An OAC in English strongly recommended. An OAC in a language other than English and OAC calculus recommended. Either OAC algebra & geometry or OAC finite mathematics recommended. OAC computer studies recommended. Other requirements exist. Contact university for details.
The B.A. and B.A., Hon. programs have limited enrolment.

Psychology and Physiology
Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English, OAC calculus, and OAC algebra & geometry recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Russian
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Social Work
Degree(s): Bachelor of Social Work, Hon. (4 yrs).
Admission requirements: 10 full courses of university study. Consult university calendar.
This program has limited enrolment.

Sociology
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1. An OAC in a language other than English and OAC calculus recommended. Either OAC algebra & geometry or OAC finite mathematics recommended. OAC computer studies recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Spanish
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Spanish and Geography
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Statistics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus.OAC algebra & geometry.
These programs have limited enrolment.

Statistics and Environmental Science
Faculty of Science
Degree(s): B.Sc. (3 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
This program has limited enrolment.
Statistics with Economics

Faculty of Science
Degree(s): B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus.OAC algebra & geometry.
This program has limited enrolment.

Studio Arts
Faculty of Arts
Degree(s): Bachelor of Fine Arts, Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended.
This program has limited enrolment.

Toxicology and Environmental Science
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Visual Arts
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Western Literature and Civilization
Faculty of Arts
Degree(s): B.A. (3 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Women's Studies
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs, Combined Hon. only).
Admission requirements: OAC English 1.
An OAC in English strongly recommended.
An OAC in a language other than English recommended. Other requirements exist.
Contact university for details.
These programs have limited enrolment.

Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Admission requirements: OAC English 1.
An OAC in a language other than English strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Zoology
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Admission requirements: OAC English 1.
OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Tuition Fees 1991-92
(including incidental fees)

Faculties of Applied Health Sciences, Arts, Science, Social Science, Business Administration, Education, Physical Education, Nursing, Law, Music:	$2109.41
Faculty of Engineering:	$2260.41
Faculty of Dentistry: (first year, including dental kit fee)	TBA
Faculty of Medicine:	$2590.41

These fees include a non-academic charge for the University Community Centre, Recreation and Athletic Building, the University Students' Council, athletics, and health services.

Tuition fees for students on student authorizations

First-year students, excluding those programs listed below:	$7012.41
First-year engineering, dentistry, education, home economics, medicine (M.D.), nursing:	$11 216.41

Residence
The university provides accommodation for approximately 30% of the non-London student enrolment through the residences for single and married students. Approximately 70% of the beds in the traditional-style residences are reserved for first-year students. There is also a 550-unit apartment complex for single students and a 400-unit apartment and townhouse family housing complex.

Information may be obtained by writing directly to:
The Manager Residence Admissions
Office Room 150, Lambton Hall
1421 Western Road
University of Western Ontario
London, Ontario N6G 4W4

Note: The Off-Campus Housing Service is located in Room 152, Lambton Hall, and must be visited in person.

Scholarships and Financial Assistance
Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information
Check the university calendar, available in your guidance office or local library, or contact:
Director, Liaison Services
Stevenson-Lawson Building, Room 151
University of Western Ontario
London, Ontario N6A 5B8
(519) 661-2026

Wilfrid Laurier University

Waterloo

President: Dr. John A. Weir

Undergraduate Enrolment 1990-91

Full-time	2193
Part-time	2833

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, please see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/ selected fields of interest are offered within the major degree programs. Contact the university for details.

Anthropology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Archaeology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Biology
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: For the B.Sc. program: an OAC in English; OAC calculus; OAC algebra & geometry; two of OAC biology, OAC chemistry, and OAC physics.
For the B.A. program: an OAC in English; OAC biology recommended.
These programs have limited enrolment.

Business Administration
School of Business and Economics
Degree(s): Bachelor of Business Administration, Hon. (4 yrs); Bachelor of Business Administration, Hon., Co-op (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics recommended.
These programs have limited enrolment.

Canadian Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program has limited enrolment.

Chemistry
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Classical Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Communication Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program has limited enrolment.

Computing
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.Sc. (3 yrs).
Additional requirements: An OAC in English. OAC calculus. For the B.Sc. program: in addition, two of OAC biology, OAC chemistry, and OAC physics.
These programs have limited enrolment.

Computing and Computer Electronics
Faculty of Arts and Science
Degree(s): B.Sc. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. OAC algebra & geometry. OAC physics. OAC chemistry recommended.
This program has limited enrolment.

Economics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program has limited enrolment.

School of Business and Economics
Degree(s): B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 yrs).
Additional requirements: An OAC in English. OAC calculus. Either OAC algebra & geometry or OAC finite mathematics recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

English Language and Literature
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Film Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program has limited enrolment.

Fine Arts
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program has limited enrolment.

French
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Geography
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: For the B.Sc. program: an OAC in English; OAC calculus; OAC algebra & geometry; two of OAC biology, OAC chemistry, and OAC physics.
For the B.A. program: an OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment

German
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Greek
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

History
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Latin
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Mathematics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. OAC calculus. OAC algebra & geometry. For the B.Sc. program: in addition, two of OAC biology, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Music
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program has limited enrolment.

Faculty of Music
Degree(s): B.Mus., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program has limited enrolment.

Music Therapy
Faculty of Music
Degree(s): B.Mus. Therapy (4 yrs total).
Additional requirements: Two years of undergraduate studies in honours music and psychology. Other requirements exist. Contact university for details.
This program has limited enrolment.

Philosophy
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Physical Education
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Physics
Faculty of Arts and Science
Degree(s): B.Sc. (3 yrs).
Additional requirements: An OAC in English. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Political Science
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Psychology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: An OAC in English. For the B.Sc., Hon. program: in addition, OAC calculus; OAC algebra & geometry; and two of OAC biology, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Religion and Culture
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Sociology
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Spanish
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Statistics
Faculty of Arts and Science
Degree(s): B.A. (3 yrs); B.Sc. (3 yrs).
Additional requirements: An OAC in English. OAC calculus. For the B.Sc. program: in addition, two of OAC biology, OAC chemistry, and OAC physics. Other requirements exist. Contact university for details.
This program has limited enrolment.

Third World Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program has limited enrolment.

Urban Studies
Faculty of Arts and Science
Degree(s): B.A. (3 yrs).
Additional requirements: An OAC in English. Other requirements exist. Contact university for details.
This program has limited enrolment.

Special Programs

Internship Options
Internship options are available in honours anthropology, biology, computing and computer electronics, English, geography, history, mathematics, political science, psychology, and sociology. Students in the internship program gain practical work experience at the end of their second and third academic years. Enrolment is limited, and application to the program must be made in first year.

Tuition Fees 1991-92 (excluding incidental fees)

Full-time:	$1768

Residence 1991-92

Traditional double rooms:	$2348
Traditional single rooms:	$2560
Apartment style rooms:	$3200
Meal plans	
On-campus residents (minimum):	$1750
Off-campus residents (minimum):	$ 245

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Admissions Office
Wilfrid Laurier University
75 University Ave. W.
Waterloo, Ontario N2L 3C5
(519) 884-1970, ext. 2351

University of Windsor

Windsor

President: Dr. R. W. Ianni

Undergraduate Enrolment 1990-91

Full-time	9691
Part-time	4845

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, please see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 60.

Programs

Specializations/concentrations/options/ selected fields of interest are offered within the major degree programs. Contact the university for details.

Acting
Faculty of Arts
Degree(s): Bachelor of Fine Arts, Hon. (4 yrs)
Additional requirements: OAC English 1.
Other requirements exist. Contact university for details.
This program has limited enrolment.

Anthropology
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Art History
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Asian Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1.
The co-op program has limited enrolment.

Biochemistry
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics. OAC biology and OAC chemistry strongly recommended.

Biological Sciences
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics. OAC biology strongly recommended.

Business Administration
Faculty of Business Administration
Degree(s): B. Com., Hon. (4 yrs).
Additional requirements: OAC English 1. Either OAC calculus or OAC algebra & geometry or OAC finite mathematics.
This program has limited enrolment.

Business Administration and Economics
Faculty of Business Administration
Degree(s): B. Com., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC algebra & geometry.
This program has limited enrolment.

Canadian Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Chemistry
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics; OAC chemistry strongly recommended.

Civil Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc.,, Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs have limited enrolment.

Communication Studies
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Comparative Literature
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Computer Information Systems
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
This program has limited enrolment.

Computer Science
Faculty of Science
Degree(s): Bachelor of Computer Science (3 yrs); Bachelor of Computer Science, Hon. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry.
These programs have limited enrolment.

Concurrent Science and Education
Faculties of Science and Education
Degree(s): B.Sc. (3 yrs); B.Ed.
Additional requirements: Check with university.
This program has limited enrolment. It leads to Ontario Teacher Certification.

Creative Writing
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Criminology
Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Drama
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1.
The co-op program has limited enrolment.

Drama in Education
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.
Other requirements exist. Contact university for details.
This program has limited enrolment.

Economics
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Education
Faculty of Education
Degree(s): B.Ed. (1 yr).
Additional requirements: Bachelor's degree from a recognized university, or equivalent.
Other requirements exist. Contact university for details.
This program has limited enrolment. It leads to Ontario Teacher Certification.

Electrical Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc., Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs have limited enrolment.

English
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1.
The co-op program has limited enrolment.

Environmental Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc., Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs have limited enrolment.

Family Studies
Faculty of Social Science
Degree(s): B.A. (3 yrs).
Additional requirements: OAC English 1.

French
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1. OAC French.
The co-op program has limited enrolment.

General Science
Faculty of Science
Degree(s): B.Sc. (3 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.

Geography
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1. An OAC in mathematics.

German
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC German recommended.

Great Lakes Biology
Faculty of Science
Degree(s): B.Sc., Hon., Co-op (4 1/2 years).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

History
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Human Movement
Faculty of Human Kinetics
Degree(s): Bachelor of Human Kinetics, Hon. (4 yrs); Bachelor of Human Kinetics, Hon., Co-op (4 yrs).
Additional requirements: OAC English 1. OAC biology and OAC chemistry strongly recommended.
These programs have limited enrolment.

Industrial Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc., Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs have limited enrolment.

International Relations
Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Italian
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC Italian recommended.

Latin
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: OAC English 1. OAC Latin recommended.

Law
Faculty of Law
Degree(s): Bachelor of Laws (LL.B.) (3 yrs).
Additional requirements: Two years of undergraduate studies. LSAT is considered. Other requirements exist. Contact university for details.
This program has limited enrolment.

Law, Canadian and American
Faculty of Law
Degree(s): Bachelor of Laws (LL.B.)/Juris Doctorate (J.D.) (3 yrs).
Additional requirements: Two years of undergraduate studies. LSAT is considered. Other requirements exist. Contact university for details.
This program has limited enrolment.

Leisure Studies
Faculty of Human Kinetics
Degree(s): Bachelor of Human Kinetics, Hon. (4 yrs); Bachelor of Human Kinetics, Hon., Co-op (4 yrs).
Additional requirements: OAC English 1. OAC biology and OAC chemistry strongly recommended.
These programs have limited enrolment.

Mathematics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs); B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. For the B.Sc. and B.Sc., Hon. programs: in addition, two of OAC biology, OAC chemistry, and OAC physics.

Mathematics and Statistics
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.

Mechanical Engineering
Faculty of Engineering
Degree(s): B.Ap.Sc., Hon. (4 yrs); B.Ap.Sc., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
These programs have limited enrolment.

Media Practices
Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Multicultural Studies
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: OAC English 1.

Music
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1. The co-op program has limited enrolment.

Music Education
Faculty of Arts
Degree(s): B.Mus., Hon. (4 yrs).
Additional requirements: OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Music History and Literature
Faculty of Arts
Degree(s): B.Mus., Hon. (4 yrs).
Additional requirements: OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Music Performance
Faculty of Arts
Degree(s): B.Mus., Hon. (4 yrs).
Additional requirements: OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Music Theatre
Faculty of Arts
Degree(s): Bachelor of Fine Arts, Hon. (4 yrs).
Additional requirements: OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Music Therapy
Faculty of Arts
Degree(s): B.Mus. Therapy, Hon. (4 yrs).
Additional requirements: OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Musical Arts
Faculty of Arts
Degree(s): B.Mus. Arts (3 yrs).
Additional requirements: OAC English 1. Other requirements exist. Contact university for details.
This program has limited enrolment.

Nursing
Faculty of Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC biology. OAC chemistry. An OAC in mathematics recommended.
This program has limited enrolment.

Philosophy
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1.
The co-op program has limited enrolment.

Physics
Faculty of Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics. OAC physics strongly recommended.

Planning
Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1. An OAC in mathematics.

Political Science
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Psychology
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Public Administration
Faculty of Social Science
Degree(s): Bachelor of Public Administration, Hon. (4 yrs).
Additional requirements: OAC English 1.

Religious Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs); B.A., Hon., Co-op (4 yrs).
Additional requirements: OAC English 1.
The co-op program has limited enrolment.

Resource Management
Faculty of Social Science
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC English 1. An OAC in mathematics.

Science, Technology and Society
Faculty of Science
Degree(s): B.Sc. (3 yrs).
Additional requirements: OAC English 1. OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.
This program has limited enrolment.

Slavic Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Social Work
Faculty of Social Science
Degree(s): Bachelor of Social Work, Hon. (4 yrs).
Additional requirements: OAC English 1.
Other requirements exist; contact university for details.

Sociology
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.

Spanish
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1.
OAC Spanish recommended.

Sport Management
Faculty of Human Kinetics
Degree(s): Bachelor of Human Kinetics, Hon. (4 yrs); Bachelor of Human Kinetics, Hon., Co-op (4 yrs).
Additional requirements: OAC English 1.
OAC biology and OAC chemistry strongly recommended.
These programs have limited enrolment.

Studio Art
Faculty of Arts
Degree(s): B.A. (3 yrs).
Additional requirements: OAC English 1.

Urban Studies
Faculty of Social Science
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: OAC English 1. An OAC in mathematics.

Visual Arts
Faculty of Arts
Degree(s): Bachelor of Fine Arts, Hon. (4 yrs).
Additional requirements: OAC English 1.
This program has limited enrolment.

Special Programs

Bachelor of Commerce for University Graduates
A program consisting of 20 courses to supplement a non-business university degree. The program leads to the designation Bachelor of Commerce. Additional requirements: Applicants must have a bachelor's degree from an accredited university. They must have completed at least one semester of university algebra or calculus or OAC/Grade 13 algebra & geometry or calculus. Because of limitations on enrolment, preference will be given to students with the best academic qualifications.

Wayne State/Windsor Agreement
Windsor students may, with the approval of the department of their major, take courses at Wayne State University in Detroit. No additional fees above normal University of Windsor tuition are charged. Credits earned are applied to Windsor degree programs.

Bachelor of Science in Great Lakes Studies
This co-op honours degree program involves eight study semesters and four work semesters. Students will graduate with the background needed to monitor and evaluate the significance of the Great Lakes ecosystem. Additional requirements: successful completion of a first-year science program at a university. Academic records, a letter of recommendation, and an interview will be considered before admission is granted.

Joint Juris Doctorate/Bachelor of Laws Program
This program enables Windsor law students to obtain an American law degree (J.D.) from the University of Detroit simultaneously with the LL.B. from the University of Windsor. additional requirements: Admission standards will change, but currently a Windsor law student who completes the first year of the LL.B. degree program with a B average is eligible for admission.

Tuition Fees 1991-92

(including incidental fees)
Full-time students per semester (Fees for first-year international students are in brackets and are listed immediately after regular student fees):

Arts, science (first year only):	$1037 ($3462.75)
Business administration:	$1040.25 ($3466)
Education:	$1039.25 ($5548.50)
Engineering:	$1132.25 ($5666.25)
Dramatic arts, human kinetics, music, social work, visual arts:	$1042 ($3467.75)
Law:	$1067 ($3492.75)
Nursing:	$1047 ($5566.25)
Social sciences:	$1039.50 ($3465.25)
Computer Science:	$1047 ($3472.75)

Residence

The University of Windsor provides residences for men and women and a central food complex to service these residences. Fees vary with the residence and meal plan selected. Canterbury College, an affiliated college, also offers residence accommodation for men and women.

Scholarships and Financial Assistance

Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information

Check the university calendar, available in your guidance office or local library, or contact:
Director of Secondary School Liaison
University of Windsor
Windsor, Ontario N9B 3P4
(519) 973-7014

York University

Toronto

President: Harry Arthurs

Undergraduate Enrolment 1990-91

Full-time	21 477
Part-time	15 198

General Admission Requirements
Ontario universities require students to have completed an Ontario Secondary School Diploma (OSSD) including 6 OACs to qualify for entrance to a major degree program. For more specific information about admission requirements, see the section "Ontario Universities, Ryerson and Ontario College of Art" on page 80.

Programs

Specializations/concentrations/options/selected fields of interest are offered within the major degree programs. Contact the university for details.

Accounting
Faculty of Administrative Studies
Degree(s): Bachelor of Business Administration (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OAC calculus strongly recommended.
This program has limited enrolment.

African Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Anthropology
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Applied Mathematics
Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.

Faculty of Arts
Degree(s): B.A. (3 yrs); B.A. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Atmospheric Chemistry
Faculty of Pure and Applied Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program has limited enrolment.

Biology
Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC chemistry. OAC physics. Either OAC calculus or OAC algebra & geometry. OAC biology recommended.

Biotechnology
Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs).
Additional requirements: Either OAC calculus or OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.

Canadian Studies
Faculties of Arts and Glendon
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
This program is offered in English and in French.

Chemistry
Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. OAC chemistry. OAC physics.

Classical Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Classics
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Computer Science
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. OAC chemistry. OAC physics. Either OAC algebra & geometry or OAC finite mathematics.

Creative Writing
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.
This program has limited enrolment.

Dance
Faculty of Fine Arts
Degree(s): B.A., Hon. (4 yrs); Bachelor of Fine Arts, Hon. (4 yrs).
Additional requirements: An OAC in English recommended. Evaluation. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Earth and Atmospheric Science
Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. OAC chemistry. OAC physics. OAC algebra & geometry.

East Asian Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Ecology
Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs).
Additional requirements: Either OAC calculus or OAC algebra & geometry. Two of OAC biology, OAC chemistry, and OAC physics.

Economics
Faculty of Administrative Studies
Degree(s): Bachelor of Business Administration (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OAC calculus strongly recommended. Supplemental application.
This program has limited enrolment.

Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC

geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Economics and Business
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Education, Concurrent
Faculty of Education
Degree(s): B.Ed.
Additional requirements: One year of a university-level program. Other requirements exist. Contact university for details.
This program is offered at both the York and Glendon campuses. It has limited enrolment and leads to Ontario teaching certification.

Education, Consecutive
Faculty of Education
Degree(s): B.Ed. (1 yr).
Additional requirements: Bachelor's degree from a recognized university, or equivalent. Other requirements exist. Contact university for details.
This program has limited enrolment. It leads to Ontario teaching certification.

English
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.

Environmental Policy and Action
Faculty of Environmental Studies
Degree(s): Bachelor of Environmental Studies, Hon. (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics, OAC biology, and OAC geography recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Film and Video
Faculty of Fine Arts
Degree(s): B.A., Hon. (4 yrs); Bachelor of Fine Arts, Hon. (4 yrs).
Additional requirements: An OAC in English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Finance
Faculty of Administrative Studies
Degree(s): Bachelor of Business Administration (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OAC calculus strongly recommended.
This program has limited enrolment.

Fine Arts Studies
Faculty of Fine Arts
Degree(s): B.A., Hon. (4 yrs); Bachelor of Fine Arts, Hon. (4 yrs).
Additional requirements: An OAC in English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

French Studies
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Geography
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: Either OAC finite mathematics or OAC algebra & geometry. OAC chemistry. OAC physics.

German
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Global Development, Peace and Justice
Faculty of Environmental Studies
Degree(s): Bachelor of Environmental Studies, Hon. (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics, OAC biology, and OAC geography recommended.
This program has limited enrolment.

Greek
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Health and Society
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Hispanic Studies
Faculty of Glendon
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: OAC in the student's second language (English or French) recommended.
This program is offered in English and in French.

History
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Human Settlement and Population
Faculty of Environmental Studies
Degree(s): Bachelor of Environmental Studies, Hon. (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics, OAC biology, and OAC geography recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Humanities
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Individualized Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

International Studies
Faculty of Glendon
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in the student's second language (English or French) recommended.
This program is offered in English and in French.

Italian
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Labour Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Latin
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Latin American and Caribbean Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Law
Osgoode Hall Law School
Degree(s): Bachelor of Laws (LL.B.) (3 yrs).
Additional requirements: Two years of undergraduate studies or a completed university degree. LSAT. Other requirements exist. Contact university for details.
This program has limited enrolment. It leads to certification as a lawyer.

Law and Society
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.
This program does *not* lead to certification as a lawyer.

Linguistics and Language Studies
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Management Science
Faculty of Administrative Studies
Degree(s): Bachelor of Business Administration (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OAC calculus strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Marketing
Faculty of Administrative Studies
Degree(s): Bachelor of Business Administration (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OAC calculus strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Mass Communications
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Math for Commerce
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Mathematics
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. OAC chemistry. OAC physics. OAC algebra & geometry recommended.

Multidisciplinary Studies
Faculty of Glendon
Degree(s): B.A. (3 yrs); B.A. (4 yrs).
Additional requirements: An OAC in the student's second language (English or French) recommended.
This program is offered in English and in French.

Music
Faculty of Fine Arts
Degree(s): B.A., Hon. (4 yrs); B.F.A. (4 yrs).
Additional requirements: An OAC in English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Nature, Technology and Society
Faculty of Environmental Studies
Degree(s): Bachelor of Environmental Studies, Hon. (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics, OAC biology, and OAC geography recommended. Contact university for details.
This program has limited enrolment.

Organizational Behaviour and Industrial Relations
Faculty of Administrative Studies
Degree(s): Bachelor of Business Administration (4 yrs).
Additional requirements: An OAC in English. An OAC in mathematics. OAC calculus strongly recommended. Other requirements exist. Contact university for details.
This program has limited enrolment.

Philosophy
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Physical Education
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.
Faculty of Pure and Applied Science
Degree(s): B.Sc., Hon. (4 yrs).

Additional requirements: Either OAC calculus, OAC algebra & geometry, or OAC finite mathematics. Either OAC chemistry or OAC physics. OAC biology recommended.

Physics and Astronomy
Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC algebra & geometry. OAC calculus. OAC chemistry. OAC physics.

Political Science
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Psychology
Faculties of Arts and Glendon
Degree(s): B.A., (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc., Hon. (4 yrs).
Additional requirements: OAC chemistry. OAC physics. Either OAC calculus, OAC finite mathematics, or OAC algebra & geometry.

Public Policy and Administration
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Religious Studies
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Russian
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Social and Political Thought
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Sociology
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
These programs are offered in English and in French.

Space and Communication Sciences
Faculty of Pure and Applied Science
Degree(s): B.Sc., Hon. (4 yrs).
Additional requirements: OAC calculus. OAC algebra & geometry. OAC chemistry. OAC physics.
This program has limited enrolment.

Spanish
Faculty of Arts
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Statistics
Faculty of Pure and Applied Science
Degree(s): B.Sc. (3 yrs); B.Sc. (4 yrs).
Additional requirements: OAC calculus. OAC chemistry. OAC physics. OAC algebra & geometry recommended.

Faculty of Arts
Degree(s): B.A. (3 yrs); B.A. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Theatre
Faculty of Fine Arts
Degree(s): B.A., Hon. (4 yrs); B.F.A. Hon. (4 yrs).
Additional requirements: An OAC in English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Translation
Faculty of Glendon
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: One year of university-level studies. Other requirements exist. Contact university for details.
This program is offered in English and in French. It has limited enrolment.

Urban Studies
Faculty of Arts
Degree(s): B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended.

Visual Arts
Faculty of Fine Arts
Degree(s): B.A., Hon. (4 yrs); B.F.A., Hon. (4 yrs).
Additional requirements: An OAC in English recommended. Other requirements exist. Contact university for details.
These programs have limited enrolment.

Women's Studies
Faculties of Arts and Glendon
Degree(s): B.A. (3 yrs); B.A., Hon. (4 yrs).
Additional requirements: An OAC in English. Either OAC classical studies, OAC français, OAC French as a second language, OAC geography, OAC history, an OAC in mathematics, or an OAC in a modern language. An OAC in mathematics recommended. For Glendon College no specific OACs required, but an OAC in the student's second language (English or French) recommended.
This program is offered in English and in French.

Special Programs

Early Childhood Education – Joint Program York/Seneca
This is a four-year program leading to a Bachelor of Arts (York) and Diploma in Early Childhood Education (Seneca). This program is available through the Faculty of Arts or the Faculty of Glendon College. *Additional requirements:* applicants must have ten full university courses (2 yrs), including introduction to psychology, developmental psychology, and at least one more half course in psychology. They must have fulfilled the general educational requirements of York University, complete an admissions questionnaire, and attend an interview.

Rehabilitation Services – Joint Program York/Seneca
This is a four-year program leading to a Bachelor of Arts (York) and Diploma in Rehabilitation Services (Seneca). *Additional requirements:* applicants must have ten full university courses, including introduction to psychology, and meet the general educational requirements of York University. Students should also have experience working with persons with disabilities.

Communication Arts - Joint Program with Colleges of Applied Arts and Technology
Students in the Faculty of Arts may study concurrently toward a B.A. degree (Honours or Ordinary) at York and a diploma in one of seven areas of study in communications arts at Humber, Centennial, or Seneca College. Additional requirements: Students must have taken five university-level courses to apply. This program normally adds one year to the student's program.

Tuition Fees 1991-92
(excluding incidental fees)
Full-time Canadian and landed immigrant students $2146.50
Part-time studies per full-year course $ 429.30
(Canadian and landed-immigrant students)
Fees for full-time new international students $6885.90
Tuition fees are subject to change without notice and may vary slightly from faculty to faculty.

Residence 1991-92
Approximate fees (including meals)
Double rooms: $4017
Single rooms: $4224

A limited number of single rooms are available to first-year students.

Glendon College has two residences that accommodate about 400 students. Each residence is divided into houses; some houses are for men or women exclusively, while others are co-ed. Glendon can accommodate most first-year students in single rooms. Rooms will be assigned on a first-come, first-served basis.
Approximate residence fees, 1991-92 (including meals):
Single rooms and double rooms: approximately $4264
Fees are subject to change without notice.

Scholarships and Financial Assistance
Government assistance is available to full- and part-time students in the form of grants and/or loans. For more information about scholarships, bursaries, awards, and loan programs, see the section "Financial Assistance for Students".

For Further Information
Check the university calendar, available in your guidance office or local library, or contact:
Director of Admissions
York University
4700 Keele St.
North York, Ontario M3J 1P3
(416) 736-5100

Non-Publicly Funded Institutions with Statutory Authority To Grant Theological or Other Degrees in Ontario

Institutions in Ontario wishing to offer degrees or programs leading to degrees must comply with the Degree Granting Act, 1983. The Act prevents institutions from granting degrees, providing programs of postsecondary study leading to a degree, or being known as universities unless they are so authorized by an Act of the Legislative Assembly of Ontario.

The following institutions have been granted restricted degree-granting authority by the Legislative Assembly of Ontario. Please contact the individual institutions, or review the specific degrees they are authorized to offer. To check on the degree-granting status of any other postsecondary institution in Ontario, please contact the University Relations Branch, Ministry of Colleges and Universities, at (416) 325-4000.

Programs
Check with the individual institutions for program information.

Baptist Bible College Canada and Theological Seminary
P.O. Box 752
Simcoe, Ontario N3Y 4T2
Telephone: (519) 426-8421

Central Baptist Seminary and Bible College
95 Jonesville Crescent
Toronto, Ontario M4A 1H3
Telephone: (416) 752-1976

Collège dominicain de philosophie et de théologie
96, avenue Empress
Ottawa (Ontario) K1R 7G3
Téléphone (613) 233-5696, 233-5697

Eastern Pentecostal Bible College
780 Argyle Street
Peterborough, Ontario K9H 5T2
Telephone: (705) 748-9111

Emmanuel Bible College
100 Fergus Avenue
Kitchener, Ontario N2A 2H2
Telephone: (519) 894-8900
Great Lakes Bible College
4875 King Street East
Beamsville, Ontario L0R 1B0
Telephone: (416) 563-5374

Institute for Christian Studies
229 College Street
Toronto, Ontario M5T 1R4
Telephone: (416) 979-2331

London Baptist Bible College and London Baptist Seminary
30 Grand Avenue
London, Ontario N6C 1K8
Telephone: (519) 434-6801

Maimonides School for Jewish Studies
P.O. Box 6510
Station A
Toronto, Ontario M5W 1X4
Telephone: (416) 961-1527

Ontario Bible College and Ontario Theological Seminary
25 Ballyconner Court
Willowdale, Ontario M2M 4B3
Telephone: (416) 226-6380
Redeemer College
Ancaster, Ontario L9G 3N6
Telephone: (416) 648-2131

St. Philips Seminary
The Oratory of St. Philip Neri
1372 King St. West
Toronto, Ontario M6K 1H3
Telephone: (416) 532-2879

Theological College of the Canadian Reformed Churches
110 West 27th Street
Hamilton, Ontario L9C 5A1
Telephone: (416) 575-3688

Toronto Baptist Seminary and Bible College
130 Gerrard Street East
Toronto, Ontario M5A 3T4
Telephone: (416) 925-3263

Centralia College of Agricultural Technology

Enrolment 1989-90

Diploma	170
Continuing Education	2000

Centralia College, located 50 kilometres north of London, offers 2-year postsecondary courses in agricultural business management, animal health technology, and food service management, as well as continuing education courses for farmers, agribusiness, food service, and animal health personnel.

General Admission Requirements
Diploma course applicants require an OSSD or equivalent, including successful completion of Year 4 English at the general or advanced level. Candidates for certificate courses must be 17 years of age or older, have completed Grade 8 or the equivalent, and have been out of school for at least one full year. A personal interview is also required. Mature and international applicants will be assessed on an individual basis.

Programs

Diploma Courses (September to April term)

Agricultural Business Management (2 years)

Veterinary Technology (2 years)
Additional requirements: Preference will be given to applicants who have Year 4 credits in chemistry, another science (biology preferred), mathematics, English, and two other advanced Year 4 credits. Applications are due February 1. Candidates who meet the admission requirements will be invited to the college for an interview.
The course is accredited by the Canadian Veterinary Medical Association. Enrolment is limited, and preference is given to residents of Ontario.

Food Service Management (2 years)
Additional requirements: Year 4 English. Year 4 mathematics. Either Year 4 chemistry or Year 3 biology. This course is approved by the Ontario Dietetic Association, and graduates are eligible for immediate membership in the Canadian and Ontario Food Service Supervisors' Associations.

Tuition Fees
Tuition per year $485 (Canadian students); $970 (international students).
The total cost per year, including tuition, residence, meals, books, and miscellaneous expenses, is between $2400 and $3100, depending on the diploma program.

Residence 1989-90
Residence accommodation is available for up to 385 full-time diploma students in two modern dormitories. Accommodation and 14 meals per week costs approximately $1200 for the college year.

Financial Assistance
Bursaries, scholarships, and other financial awards are offered by various organizations and municipalities. See the introductory section; "Financial Assistance for Students."

For Further Information
Contact:
Director
Centralia College of Agricultural Technology
Huron Park, Ontario N0M 1Y0
Telephone (519) 228-6691
Toll-free 1-800-668-1454

Kemptville College of Agricultural Technology

Enrolment 1989-90

Total	222

Kemptville offers postsecondary courses leading to diplomas in agricultural journalism, dairy cattle production and management, field crops and live-stock production and management, ornamental horticultural production and management, and food service management.

General Admission Requirements
The OSSD or equivalent is required. Consideration is given to mature students. Agricultural experience is recommended for all students registering in agriculture.

Programs
The academic year at Kemptville is divided into two semesters, and the programs are 2 years in length. Semesters begin in September and January, and each semester is a prerequisite for the next.

Diplomas
- Agricultural Journalism (2 years)
- Dairy Cattle Production and Management (2 years)
- Field Crops and Livestock Production and Management (2 years)
- Ornamental Horticultural Production and Management (2 years)
- Food Service Management (2 years) Approved by the Ontario Dietetic Association. This program qualifies graduates for immediate membership in the Canadian Food Service Supervisors' Association. Mature students may register for credit as full-time students or as part-time students taking individual subjects.

Certificates
- agricultural welder fitter
- farm equipment mechanic
- dairy herdworker
- farrier (horseshoeing)
- bulk tank milk grader
- milk and cream grader
- milk and cream tester
- dairy plant worker (specialization in cheesemaking, buttermaking, ice cream making, or fluid milk processing)
- level 1 equestrian coaching and riding development

Apprenticeships
- apprenticeship course in farm equipment mechanics

Contact the college for details on admission requirements and length of programs.

Community Programs
A wide variety of courses, seminars, workshops, and conferences are offered in response to the needs of the agricultural and food industry. Further information may be ob-

tained by contacting the Continuing Education Section at the college.

Tuition Fees
Canadian students
per semester $242.50
International students
per semester $485

Room and meals, student activity fees, books, and miscellaneous expenses bring the total to about $875 to $1000 per semester.

Residence
The Kemptville College of Agricultural Technology will provide accommodation for most full-time students wishing to live on campus.

Financial Assistance
A number of bursaries are offered by charitable organizations, municipalities, and individuals to deserving students. Special awards, scholarships, and prizes amounting to several thousands of dollars are generously donated by benefactors each year. Students may also apply for grant/loan assistance from the Ontario Student Assistance Program. For details see the introductory section "Financial Assistance for Students".

For Further Information
Contact:
Registrar
Kemptville College of Agricultural Technology
Kemptville, Ontario K0G 1J0
Telephone (613) 258-8335

Medical Institutions

The following information highlights four programs offered at the hospitals indicated:
Medical Laborstory Technology
Nursing Assistant
Radiography
Radiotherapy

Programs

Medical Laboratory Technology (Diploma, 2 years)
This program is also offered at the colleges of applied arts and technology. See the college program listings.
Offered at:
McKellar General Hospital
325 South Archibald St.
Thunder Bay, Ontario P7E 1G6
Telephone (807) 343-7003

Nursing Assistant (Certificate, 1 year)
This program is also offered at the colleges of applied arts and technology. See the college program listings.
Offered at:

Collingwood General and Marine Hospital
459 Hume Street
Collingwood, Ontario
L9Y 1W9
(705) 445-2550

St. Joseph's General Hospital
70 Spine Road
Elliot Lake, Ontario
P5A 1X2
(705) 848-7181

La Verendrye General Hospital
110 Victoria Avenue
Fort Frances, Ontario
P9A 2B7
(807) 274-3261

Lake of the Woods District Hospital
21 Sylvan Street
Lake of the Woods, Ontario
P9N 3W7
(807) 468-9861

West Nipissing General Hospital (French Program)
111 Springer Street
Sturgeon Falls, Ontario
P0H 3G0
(705) 753-3110

Wingham and District Hospital
270 Carling Terrace
Wingham, Ontario
P9N 3W7
(519) 357-3210

Radiography (Diploma, 2 years)
Offered at:
Eastern Ontario School of X-Ray Technology
Kingston General Hospital
Stuart St.
Kingston, Ontario K7L 2V7
Telephone (613) 548-3232 ext. 4267

Radiotherapy (Diploma, 24 to 32 months)
Offered at:

The Princess Margaret Hospital
500 Sherbourne St.
Toronto, Ontario
M4X 1K9
(416) 924-0671
ext. 4946/4947

Toronto - Bayview Regional Career Centre
2075 Bayview Avenue
Toronto, Ontario
M4N 3M5
(416) 488-5801

Hamilton Regional Cancer Centre
Henderson General Hospital
711 Concession Street
Hamilton, Ontario
L8V 1C8
(416) 387-9495

Ottawa Regional Cancer Centre
Ottawa General Hospital
501 Smythe Road
Ottawa, Ontario
K1G 8L6
(613) 737-7700

Kingston Regional Cancer Centre
Kingston General Hospital
King Street West
Kingston, Ontario
K7L 2V7
(613) 544-2630

London Regional Cancer Centre
Victoria Hospital
790 Commissioners Road East
London, Ontario
N6A 4L6
(519) 685-8600

Thunder Bay Regional Cancer Centre
General Hospital of Port Arthur
290 Munro Street
Thunder Bay, Ontario
P7A 7T1
(807) 343-1610

Windsor Regional Cancer Centre
Metropolitan General Hospital
2220 Kildare Road
Windsor, Ontario
N8W 2X8
(519) 253-5253

Northeastern Ontario Oncology Program
Laurentian Hospital
41 Ramsey Lake Road
Sudbury, Ontario P3E 5J1
(705) 522-0454

Some of these programs are also offered at the Michener Institute for Applied Health Sciences (formerly Toronto Institute of Medical Technology).

Michener Institute for Applied Health Sciences

Enrolment 1989-90
Full-time 500

The Michener Institute for Applied Health Sciences is a specialized postsecondary educational institution offering programs in various health technologies. Since 1966, the institute has grown to include seven full-time programs and is affiliated with more than 60 hospitals.

General Admission Requirements
An OSSD including 6 OACs. Other requirements may exist. Students from outside Ontario must have the equivalent educational standing for general admission to all programs. Please contact the institution for details.

Programs

Certificate

Medical Laboratory Technician (1 year)

Diplomas

Cytotechnology (2 years)

Radiography (2 years)

Medical Laboratory Technology (2 years)

Nuclear Medicine Technology (2 years)

Respiratory Therapy (2 years)

Chiropody (3 years)

Tuition Fees 1990-91
First year full-time $732 to $955
Second year full-time $935 to $1110

Residence
The institute has no residence, and students are responsible for finding their own accommodation. Students from outside Toronto are advised to find accommodation close to the subway or close to the institute itself, possibly in one of the student residences located in central Toronto. The registrar's office will post a list of housing available in July for students' use.

Financial Assistance
See the introductory section "Financial Assistance for Students".

For Further Information
Contact:
The Admissions Department
Michener Institute for Applied Health Sciences
222 St. Patrick St.
Toronto, Ontario M5T 1V4
Telephone (416) 596-3177

New Liskeard College of Agricultural Technology

Enrolment 1989-90
Total 90

The college is located in Northeastern Ontario at New Liskeard, 160 kilometres north of North Bay. New Liskeard is situated in the most intensive livestock and cash-crop farming area in Northern Ontario. The college has excellent educational and residence facilities. Extensive livestock and crop facilities on the college farms are used for practical training.

General Admission Requirements
Diploma courses require the OSSD or equivalent for admission. English, mathematics, and science are desirable. A certificate course is available to students who cannot meet the requirements for admission to the diploma programs. Applicants will be considered on individual merit. Mature students, 19 years of age or older, will be considered for diploma or certificate programs on the basis of their background and experience.

Programs

Diplomas

Dairy Technology (2 years)

Livestock Technology (2 years)

Equine Technology (2 years)

Certificate
A two-year certificate in agricultural production techniques is offered as a practical alternative for students who do not qualify for the diploma program. Certificate students take a reduced academic course load and spend a considerable amount of time in hands-on training.

Tuition Fees
Canadian students $485 per year
International students $970 per year
Total fees for residence, meals, books, travel, and student activities are approximately $2000 per year.

Financial Assistance
Bursaries and awards are offered by various organizations to qualifying students on the basis of academic performance. Students may also apply for grant or loan assistance through the Ontario Student Assistance Program.

For Further Information
Contact:
Principal
New Liskeard College of Agricultural Technology
Box G
New Liskeard, Ontario P0J 1P0
Telephone (705) 647-6738

Niagara Parks Commission School of Horticulture

Enrolment 1989-90
Total 36 (12 per year)

The Niagara Parks Commission School of Horticulture is located on the Niagara River Parkway about 8 kilometres north of the Canadian Horseshoe Falls and is funded by the Niagara Parks Commission. The school year begins in April, and the course of study extends for 36 consecutive months. During each school year, students are granted the regular statutory holidays in addition to four weeks' vacation as follows: three weeks beginning before Christmas and extending into January, and one week during the growing season. Students are engaged in classroom activities or practical work experience for 40 hours per week.

General Admission Requirements
Year 4 advanced level or its equivalent, with a 60% average in English (4 years), mathematics (4 years), chemistry, and biology. Previous summer work experience in horticultural activity is also required. The extent and nature of this work has an important bearing on candidates' selection for admission. Candidates must be Canadian citizens or permanent residents, demonstrate that they are physically fit, be able to understand, speak, and write English, and have a commitment to a horticultural career. One international student may be accepted each year. Inquiries or visits are encouraged at all times. Applications are accepted until June 30 each year for admission each April of the following year.

Programs

General Horticulture (Diploma, 3 years)
A 3-year program in general horticulture leading to the Niagara Parks Diploma (N.P.D.), with practical work experience and academic training in equal balance. No options are offered.

Fees
Tuition fees are $850 per year (international students $3600). This fee includes a $100 field trip fee. A refundable deposit of $200 is required on admission.

Residence
Accommodation and prepared meals are provided on campus for the first two years at no charge. Third-year students are required to live off-campus at their expense.

Student Financial Allowance
As partial compensation for the students' work effort, an allowance is paid on a graduated scale for the three years (currently $26, $28, and $40 per week).

For Further Information
Contact:
Admissions, School of Horticulture
The Niagara Parks Commission
P.O. Box 150
Niagara Falls, Ontario L2E 6T2
Telephone (416) 356-8554

Ridgetown College of Agricultural Technology

Enrolment 1989-90

Two-year diploma	150
Three-year co-op diploma	20

Ridgetown is midway between London and Windsor, in the centre of the agricultural and agribusiness area of western Ontario. It has facilities for teaching, research, and demonstration in all aspects of modern agribusiness and production technology. Also located on the 182 hectare (450 acre) research and demonstration site are a student residence, cafeteria, and recreational facilities.

Admission Requirements

Two-year diploma program applicants should have 30 credits (most at the general or advanced level) sufficient to have earned an OSSD or equivalent. Preference will be given to candidates with Year 4 English and mathematics (general or advanced level). Mature student applicants must be 19 years of age, have been out of school for at least two years, and have relevant work experience. International student applicants must successfully write the Test of English as a Foreign Language examination in their home country before applying for admission. Details of these tests may be obtained by writing:
College Entrance Examination Board
Box 6155
Princeton, New Jersey
U.S.A. 08541-6155.

Programs

The academic year at Ridgetown is divided into two terms, beginning in September and January. Four programs are offered; one is a broad, general program with four areas of concentration, and the other three are distinct specializations.

1. Agricultural Business and Production
(four possible concentrations):
a) Agribusiness Management (2 years).
b) Crop Production (2 years).
c) Fruit and Vegetable Production (2 years).
d) Livestock Production (2 years)

2. Ornamental Horticulture (2 years)

3. Quality-Control Laboratory Technology (2 years)

4. Ag-Industry Technology (2 years)

Fees

Tuition is approximately $230 per term. Room and 14 meals per week, student activities fees, books, tuition, and miscellaneous expenses amount to $1520 per year. Tuition fees for those without Canadian citizenship or landed immigrant status are $460 per term.

Residence

Students live on campus in Steckley Hall.

Financial Assistance

A number of bursaries, ranging from $250 to $600 each, are awarded annually to students requiring financial assistance. In addition, approximately $10 000 is made available by special county awards, service club donations, and memorial and scholastic awards and prizes. Students may also apply for grant/loan assistance from the Ontario Student Assistance Program. Loans are also available from the J. Harold Willson Student Loan Fund. See the section "Financial Assistance for Students".

For Further Information

Contact
Director
Ridgetown College of Agricultural Technology
Ridgetown, Ontario N0P 2C0
Telephone (519) 674-5456

Registered Private Vocational Schools

General Information
A wide range of training programs exists to help Ontarians prepare for the job market or enter the professions.

For many occupations, registered private vocational schools can provide a suitable alternative to the training offered by colleges, universities, apprenticeship, and other provincial skills development programs. Private vocational schools have been a part of postsecondary education for many years; in fact, several of the schools have recently celebrated their one hundredth anniversaries.

There are over 300 registered private vocational schools in Ontario. Although several of them offer training in a variety of occupations, the majority focus on courses that will prepare students for clearly defined occupations, such as those listed in Electronic Horizons. However, all have the common objective of bringing the student, in the shortest possible time, to the level of a beginning practitioner for the advertised occupation. Courses are usually provided in morning, afternoon, and evening sessions and in some cases by correspondence.

Since practical skills are stressed and liberal arts studies minimized, the programs will appeal to those who need practical skills to enter the work force as quickly as possible. Included in this group are students who may not be particularly interested in academic studies at this point in their career, as well as those who need specific practical skills in addition to their academic qualifications to become more competitive in the market place.

Registration of Private Vocational Schools
Private vocational schools are privately owned and are operated as commercial enterprises. However, they must be registered under the Private Vocational Schools Act, which is administered by the Private Vocational Schools Unit, Ministry of Colleges and Universities.

Registration of a school under the Act means that it has met the minimum requirements set out in Regulation 801 under the Act, regarding curricula, teacher qualifications, advertising, refund policies, etc. Nevertheless, as potential consumers, when choosing a program, students must exercise the same care and precautions that they would undertake when making any major purchase, especially when it is considered that not only their money but also their time is involved.

The schools offer many courses in each subject or occupational area. Courses vary widely in terms of the subject matter that will be covered. For example, one course in radio may teach radio repair, while another may prepare a person for a position with a broadcasting company. It is suggested that students write to the schools offering the subjects that are of interest to them in order to obtain specific information prior to undertaking any formal arrangements with any one school.

Although two or more registered private vocational schools may offer programs and courses with similar titles, this does not mean that the courses are of equal merit or will be of equal value to the student. Each school is registered on the basis of its own program offerings, and it is the responsibility of the students to decide which school and courses best meet their needs. The assessment of a school by potential students should include not only the curriculum but also the facility, the equipment, and the calibre of the teachers; all these aspects should be assessed in relation to the tuition costs.

Sales or Admissions Representatives for Registered Private Vocational Schools
As a service to clients who live far away, some schools employ a representative to meet with prospective clients. Usually the meeting takes place in the clients' own homes.

Ontario law requires that these agents must have identification bearing both their names and the names of the schools represented. The identification should be presented to prospective students whenever business is discussed outside of the schools.

Applicants are cautioned not to become involved, outside the school's premises, with anyone who does not possess valid identification from the school bearing the representative's name.

General Admission Requirements
For enrolment in most registered private vocational school courses, students should meet one of the following requirements:

- Year 4 standing or the equivalent;
- mature student status.

Mature students should be 19 years of age and have been away from school for at least one year.

Applicants who have mature student status are reminded that some employers require a OSSD as a qualification of employment even if a postsecondary training program has been successfully completed.

Applicants should obtain information about any additional or special admission requirements from the school of their choice, as well as employers in their chosen occupational areas.

Types of Programs/Courses Offered
Private vocational schools offer training programs or courses in a variety of residential, combination, or correspondence courses to suit students' life styles or work commitments. The following descriptions are provided for the convenience of the potential applicant.

Residential Programs/Courses
Residential programs require students to be in personal attendance at the school. Classes may be offered on a full- or part-time basis, in either day or evening sessions. These programs may be offered in either registered or non-registered categories.

Combination Programs/Courses
Students are able to complete the major part of these programs by correspondence. However, in order to complete the program or course and become eligible to receive the school's diploma or certificate, students must attend the school personally for a pre-arranged number of sessions or obtain some on-the-job experience for a specified period of time. Such arrangements must be clearly defined on the contract signed by the student and the school. It should also be indicated whether the program is registered or non-registered.

Correspondence Programs/Courses
Hundreds of programs and courses may be studied by correspondence, but only a few of these are required to be registered under the Private Vocational Schools Act.

Registered Programs/Courses
Training completed by means of one of these programs or courses provides the successful graduate with a potential for entry-level employment in the occupation for which training was given. Schools offering these programs are required to register under the Private Vocational Schools Act, and the programs or courses must be assessed by the Ministry of Colleges and Universities.

Non-Registered Programs/Courses Exempted Under the Act and Regulation
Many institutions offer training that does not lead directly to employment; for example, driving instruction for non-commercial vehicles, speed-reading, health and fitness, and tax preparation. These programs are non-vocational in nature, and the schools offering them are not required to register under the Private Vocational Schools Act.

However, since schools registered under the Act may also offer non-registered programs that may be taken either in residence or by correspondence, potential students should ensure that the category registered or non-registered is clearly specified in any contract.
(Non-registered programs are not scrutinized by the Ministry of Colleges and Universities.)

Programs that are not registered by the ministry include the following:

- secondary school subjects or other preparatory courses that may require completion prior to acceptance into formal training for an occupation or career;
- programs that focus on personal or professional development;
- programs of a very short duration, i.e., under 24 hours;
- programs that are considered recreational in nature;
- programs that may provide students with partial credit towards the requirements designated by certain associations or other regulatory bodies for entry into technical or professional occupations.

Apprenticeship
Some programs offered by registered private vocational schools are closely allied to apprenticeship. A number of trades are regulated under the Apprenticeship and Tradesmen's Qualification Act. Regulations under this Act require that all persons practising certain trades, such as motor vehicle mechanic, hairdresser, or carpenter, hold a Certificate of Qualification, obtained through apprenticeship training. For more information, please check the Apprenticeship section of this package, or consult the electronic Directory of Apprenticeship Careers, available in your Guidance Office.

Opportunities for Employment
The fact that individuals have completed a training program in a college, university, or registered private vocational school does not guarantee employment. However, a good program should provide graduates with the skills required to meet the minimum employment standards of a particular occupation.

Financial Assistance for Students
A limited number of registered private vocational schools are eligible to participate in various government financial assistance programs for students. Normally this assistance applies only to courses that are twelve weeks or longer in duration and require year 4 or equivalent for enrolment. For further information, please refer to the section Financial Assistance for Students, or contact:

Student Awards Branch
Ministry of Colleges and Universities
8th Floor, Mowat Block
Queen's Park
Toronto, Ontario
M7A 2B4

Student Support Branch
Ministry of Colleges and Universities
Box 4500
Station P
Thunder Bay, Ontario
P7B 6G9
1-800-465-3013
or (807) 345-4830

Factors to Consider Before Enrolling in a Private Vocational School

1. Potential students should realistically evaluate their aptitudes and decide, first, whether they have the physical and mental qualities and the educational background required to profit from the chosen course and second, whether they are willing to devote the time and energy required to succeed in the course.

2. Prior to enrolling in a private vocational school, applicants should ensure that the school is registered to operate in Ontario.

3. Applicants should look at the total cost, including the registration fee, tuition, laboratory fees, books, transportation, room and board, and incidental costs. The contract should also be examined carefully to find out what it will cost if applicants need to leave the course before training is completed. Repayment of any debts incurred as a result of the course, such as OSAP or other loans, should be considered.

4. Applicants should ensure that all aspects of the training program, including all tuition costs, the duration of the program, the starting date, and refund policies are stated in the contract to be signed by them.

5. Applicants should read the contract and be sure they understand it before signing it. More detailed information can be found in the section on contracts, below.

6. Applicants should visit the school and see the facilities and equipment. If possible, they should talk with some of the school's students or graduates or with employers who have hired graduates.

Contract Between the Schools and the Potential Student

The Contract
Enrolment in a registered private vocational school must be done by means of a contract. The school is responsible for providing only those educational services that are outlined in its contract or brochure under the conditions or terms specified. The form of the contract must be acceptable to the Superintendent of Private Vocational Schools, and the actual contract must be signed by both the applicant and the school's owner or representative. In the case of an individual under the age of eighteen, the signature of the person who will be responsible for fee payments (the guarantor) must be included. Both parties to the contract should hold a copy bearing original signatures. The contract is legally binding 48 hours after it has been signed by the applicant or the guarantor.

Retention and Repayment of Fees
In order to ensure that students understand the full cost of training or their liability on withdrawal from a school, the ministry requires that some excerpts from the Revised Statutes of Ontario, 1980, and Ontario Regulation 801 as amended under the Private Vocational Schools Act are included as part of the school's contract. These excerpts provide information on the following:

- the registration fee;
- the amount of tuition fee to be retained by the school or refunded to the student should the student withdraw from the school;
- the amount of tuition fee to be retained by the school or refunded to the student should the student be dismissed from the school for whatever cause;
- the time period within which a refund must be made by the school to the student.

Should there by any tuition fee refund due to the student, the school is obligated to make the refund only if the student has notified the school in writing of his/her intention to withdraw. The letter must either be sent by registered mail or be delivered in person to the school. The date of withdrawal from the school will be the date when the school receives the written notice of withdrawal.

It is advised that all aspects of the contract be clearly understood before the contract is signed by the student or guarantor.

Additional Information
Further information may be obtained from:
Superintendent, Private Vocational Schools Unit
Ministry of Colleges and Universities
11th Floor
790 Bay Street
Suite 1103
Toronto, Ontario M5G 1N8
Telephone: (416) 965-5348

To obtain specific information about particular courses, students should write to the schools that interest them and request information relating to costs, course content, length of training, entrance requirements, and starting dates for courses.

Further information may also be obtained by writing to the:
Private Career Education Council
1-301 Fairview Drive, Cooper Towers
P.O. Box 340
Brantford, Ontario N3T 5N3
Telephone: (519) 753-8689.

Programs

Accounting
BB-1, CBT-2, CBT-3, CC, CIB-1, CIB-2, CIB-3, JBA-1, OBC-1, OBC-3, OBC-4, OBC-6, OBC-7, OBC-8, PBC, PBI, RSC, ST-1, TCC, TSB-1, TSB-2, TSB-3, TSB-4, TSB-5, TSB-6, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-14, TSB-15, TSB-16, WILBC-2, WOBI

Advertising & Marketing
CPFS-1

Animal Care Assistant
OBC-1, OBC-3, OBC-4, OBC-5, OBC-6, OBC-7, OBC-9, SCS

Auctioneering
MAS, SOSA

Audio Technology
HC-2, HIA-1, HSMR-1, OIAR, RAPC-1, TIRA-1, TRW, TSB-7

Banking & Bank Teller
AIDP-1, AIDP-2, CBS-1, CBS-2, CIB-2, CIB-3, HC-1, HC-2, OBC-3, OBC-4, OBC-6, OBC-8, OBC-9, RSC, SWBC, TSB-3, TSB-7, TSB-8, TSB-9, TSB-11, TSB-12, TSB-13, WBS

Bartending
BS-1, CHS, HC-2, HSC, TBT, TDC, TSB-13, TTHS, WBC

Basic Electronics
SCA

Bookkeeping
AECS-1, AIDP-1, AIDP-2, CBC, CC, HC-1, HC-2, NC-1, OBC-1, OBC-3, OBC-4, OBC-6, OBC-7, OBC-8, OBC-9, PBI, SCBC, SHA-1, SWBC, TSB-1, TSB-2, TSB-3, TSB-4, TSB-5, TSB-6, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-15, TSB-16, WOBI

Broadcasting
NIB, SWMS-1

Business Administration
AECS-1, AOL-1, CBC, CC, COND-3, HER-2, HIA-1, NC-1, PARK, PBC, RSC, SCBC, SHA-1, TSB-1, TSB-2, TSB-3, TSB-4, TSB-5, TSB-6, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-14, TSB-15, TSB-16, WBS, WILBC, WILBC-2

Child Care
OBC-3, OBC-4, OBC-7, OBC-8

Clerical
ACT-1, CBT-3, HST, MBS, SCBC, TSB-1, TSB-2, TSB-3, TSB-4, TSB-5, TSB-6, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-15, TSB-16, WBC

Computer Programmer/ Operator
AIDP-1, AIDP-2, AMJ, BRA, CBT-3, CIB-1, CIB-2, CIB-3, CLC-1, CLC-2, COND, COND-2, COND-3, COND-4, COND-5, DBCC, DBCC-1, HBI, HER-1, HER-2, ICS, PARK, SCBC, TCC, TSB-1, TSB-2, TSB-3, TSB-4, TSB-5, TSB-6, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-14, TSB-15, TSB-16, WBC, WILBC, WILBC-2, WOBI

Computer Technology
AIDP-1, AIDP-2, AMJ, COND, COND-2, COND-4, COND-5, HER-1, HER-2, RETS, TSB-2, TSB-4, TSB-9, TSB-11, TSB-12, TSB-13, TSB-14, TSB-15

Cosmetology
CCMH, DLI, VERS

Court Reporting
RETS

Data Entry
AOL-2, AOL-3, AOL-4, AOL-5, AOL-6, AOL-7, AOL-8, AOL-9, AOL-10, AOL-11, AOL-12, AOL-13, AOL-14, AOL-15, AOL-16, AOL-17, AOL-18, AOL-20, AOL-21, AOL-22, AOL-23, AOL-24, AOL-25, AOL-26, AOL-27, AOL-28, AOL-29, AOL-30, AOL-31, AOL-32, AOL-33, AOL-34, AOL-35, AOL-36, AOL-37, AOL-38, AOL-39, CLC-1, CLC-2, HER-2, PARK, RBC, RSC, TCC, VDS-1

Dental Assistant
CBT-2, CBT-3, CCC-1, CCC-2, CCC-3, HBI, OBC-3, OBC-4, OBC-5, OBC-6, OBC-7, OBC-8, TSB-1, TSB-4

Drafting
GRT, ITT

Electrolysis
DLI, ESIS, GIN-1, GIN-2, JWBI-1, OBE, PSEB, RSEB, TBSC-1, VERS, ZSEC

Electronics - Technician/ Technologist
AMJ, RCC, RETS, TSB-3, TSB-7, TSB-8

Esthetics
AA, CBI, DLI, EBE-1, EE-1, EE-2, ESI, ESIS, GIN-1, GIN-2, IMN, JMAA, LMSA, LSAE, MSSC, PPI-1, PSEB, SCEB, SFHF, TBSC-1, TEBS-1, VERS, ZSEC

Fashion Design
ACC, CACT-1, EPFI, IAMD

Fashion Merchandising
ESI, FIC, IAMD, TSB-3, TSB-6, TSB-8, TSB-9, TSB-11, TSB-12, TSB-13

Floristry
CIFD, HSC, OBC-3

Forestry & Landscaping
NT-1

Health Care Aide
AIHC-1, BRA, CAPS, CBT-2, CBT-3, CIHC-1, HCVC, HCVC-2, NSV-3, OSIL-1, OSIL-2, PMA-1, PNS, RI

Hotel Operations & Management
CCC-1, CCC-2, CCC-3, CHS, HC-2, TSB-3, TSB-4, TSB-7, TSB-8, TSB-9, TSB-11, TSB-12, TSB-13, TSB-14, TSB-16

Interior Decorating
CBC, CIB-1, CIB-2, CIB-3, IAMD, OBC-1, OBC-3, SSID, SWBC

Laboratory Assistant
LAI-1, RI, RI-1

Law Clerk
OBC-1, OBC-3, OBC-4, OBC-6, OBC-7, PBC

Locksmithing
AL

Make-up Artist
ASM, CARYL-1, CMSI-1, CSSM-1, EDSK, EFL-1, ESI, ESIM, FSM, GLMS-1, IMN, IPMT, ITM-2, ITM-3, ITM-4, JMAA, LAKE, PSEB, PSMA, RMAM, SMA, SWMS-1, TMAS, ZSEC

Manicure/Pedicure
CBI, FSNT-1, NAI-1, SMA

Massage & Hydrotherapy
CCMH, DLI, KIKC, SCST-1, SSC

Medical Office Assistant
CCC-1, CCC-2, CCC-3, HC-1, HC-2, HER-2, RI, SWBC

Modelling
AAS-1, AMS-1, ASM, BFMC-1, BPMI, CMSI-1, CP, CSSM-1, DMSL-1, EDSK, EFL-1, EHFM, ESI, ESIM, FSM, GMCM, ITM-2, ITM-3, ITM-4, JWSM-1, LAKE, NEW, PNMM, PPM, RMAM, SFSH, SMCC, SP, SWMS-1, UMFS, VM, VWMS-1

Pharmacy Assistant
OBC-1, OBC-3, OBC-4, OBC-5, OBC-6, OBC-7, OBC-8

Private Investigation
AI-1, CSPI

Sales
CBC, PSEB, SCBC

Secretary - General
AECS-1, AOL-1, AOL-2, AOL-3, AOL-4, AOL-5, AOL-6, AOL-7, AOL-8, AOL-9, AOL-10, AOL-11, AOL-12, AOL-13, AOL-14, AOL-15, AOL-16, AOL-17, AOL-18, AOL-20, AOL-21, AOL-22, AOL-23, AOL-24, AOL-25, AOL-26, AOL-27, AOL-28, AOL-29, AOL-30, AOL-31, AOL-32, AOL-33, AOL-34, AOL-35, AOL-36, AOL-37, AOL-38, AOL-39, CBC, CBT-3, CC, CIB-1, CIB-2, CIB-3, COND, COND-2, COND-3, COND-4, COND-5, CTI-1, DBCC, DBCC-1, HBI, HC-1, HC-2, HER-1, HER-2, HST, JBA-1, MBS, NC-1, OAC, OBC-1, OBC-3, OBC-4, OBC-6, OBC-7, OBC-8, OBC-9, PARK, RSC, SBA, SCBC, SHA-1, SWBC, TCC, TSB-1, TSB-2, TSB-3, TSB-4, TSB-5, TSB-6, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-14, TSB-15, TSB-16, WBC, WBS, WILBC, WILBC-2, WOBI

Secretary - Legal
CBC, CBT-2, CBT-3, CC, CIB-1, CIB-2, CIB-3, CTI-1, HBI, HER-2, HST, JBA-1, NC-1, OBC-1, OBC-3, OBC-4, OBC-6, OBC-7, OBC-8, OBC-9, PARK, PBC, RBC, RSC, SBA, SBC, SCBC, SHA-1, SWBC, TSB-1, TSB-2, TSB-3, TSB-4, TSB-5, TSB-6, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-14, TSB-15, WBC, WBS, WILBC, WILBC-2, WOBI

Secretary - Medical
CBC, CBT-2, CBT-3, CCC-1, CCC-3, HBI, JBA-1, MBS, NC-1, OBC-1, OBC-3, OBC-4, OBC-6, OBC-7, OBC-8, OBC-9, PARK, PBC, RBC, SBA, SCBC, SHA-1, TSB-1, TSB-2, TSB-3, TSB-4, TSB-6, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-14, TSB-15, WBC, WBS, WILBC, WILBC-2, WOBI

Security Services
CSPI, OBC-1, OBC-3, OBC-6, OBC-8

Ship's Crew
ULS

Tractor-Trailer Driver
ADT, ATDT, BDA, CAA, CBC, COM-1, CPPD-1, DDTS-1, DTDT, EOST, EOST-2, FWDS, GHA, JMTS, JRTD-1, JTT, KRTS-1, LTDT-1, MER-1, MER-2, MER-3, MHI-1, MIPT-1, MPDC-1, MTDS-1, NET, NET-1, NTTS-1, ODS-1, OTTD-1, PDT, PRO-1, PTDS, RCDT-1, RST, RST-2, STT, TCTD-1, TCV-1, TDS, TDTD, TFDA-1, TRIC-1, TRIC-3

Travel
ABCD, ACA, AIDP-1, AIDP-2, CATE-1, CBT-2, CBT-3, CCC-1, CCC-2, CCC-3, CIB-1, CIB-2, CIB-3, CT, CTS-1, CTSC-1, DBCC, DBCC-1, HC-1, HC-2, HSC, IIT-1, KTA, LTEC-1, OBC-1, OBC-3, OBC-4, OBC-6, OBC-7, OBC-8, OBC-9, PARK, PBC, RBC, RSC, SBI, SCBC, SWBC, TCC, TSB-1, TSB-3, TSB-4, TSB-5, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-14, TSB-15, TTCC, TTCC-2, WBC, WOBI, WTI-1

Welding
GWS, ITT, KWW, KWW-1, KWW-2, LSW, MSW, WAIB-1

Word Processing
AECS-1, AIDP-1, AIDP-2, AOL-1, AOL-2, AOL-3, AOL-4, AOL-5, AOL-6, AOL-7, AOL-8, AOL-9, AOL-10, AOL-11, AOL-12, AOL-13, AOL-14, AOL-15, AOL-16, AOL-17, AOL-18, AOL-20, AOL-21, AOL-22, AOL-23, AOL-24, AOL-25, AOL-26, AOL-27, AOL-28, AOL-29, AOL-30, AOL-31, AOL-32, AOL-33, AOL-34, AOL-35, AOL-36, AOL-37, AOL-38, AOL-39, AOTC, CBT-2, CBT-3, CIB-2, CIB-3, HBI, HC-1, LDSL, MARK, OBC-1, OBC-3, OBC-4, OBC-6, OBC-7, OBC-8, OBC-9, PARK, PBC, RBC, RSC, SHA-1, TCC, TSB-1, TSB-2, TSB-3, TSB-4, TSB-5, TSB-6, TSB-7, TSB-8, TSB-9, TSB-10, TSB-11, TSB-12, TSB-13, TSB-14, TSB-15, WBC, WBS

Schools

AA
Academy of Aesthetics
945 Barrydowne Road
Sudbury P3A-3T9
(705)560-6602

AAS-1
Access Agency and School
134 Clarence Avenue
Ottawa K1N-5P6
(613)230-3105

ACA
Algonquin Careers Academy
969 Bronson Avenue Suite 205
Ottawa K1S-4G8
(613)230-8127

ACC
Academie des Couturiers Canadiens (L')
447 Sussex Drive
Ottawa K1N-6Y4
(613)238-5233

ACT-1
Academy for Career Training
13 Wallis Drive
Peterborough K9J-6B8
(705)748-8888

ADT
Advance Driver Training
13 King Street
St.Catharines L2R-3H1
(416)685-5591

AECS-1
Arianox Educations Computer Services
2885 Jane Street
Suite 23
North York M3N-2J6
(416)633-2773

AI-1
Alpha School of Private Investigation
695 Markham Road
Suite #30
Scarborough M1H-2A5
(416)431-9161

AIHC-1
Associated Institute for Health Care
411 Parliament Street
Lower Level
Toronto M5A-3A1
(416)921-1710

AL
Academy of Locksmithing Inc. (The)
2220 Midland Avenue
Unit 106
Scarborough M1P-3E6
(416)321-2220

AMJ
A.M.J. Electronic College
275 First Ave.
Ottawa K1S-2G7
(613)238-2800

AOL-H
Academy of Learning
9011 Leslie Street
Unit 205
Richmond Hill L4C 3B6
(416)886-8973

AOL-1
Academy of Learning (Scarborough)
2190 Warden Avenue
Suite 210
Scarborough M1T-1V6
(416)490-0617

AOL-2
Academy of Learning (Yonge/Bloor)
26 Cumberland Street
Suite 201
Toronto M4W-1J5
(416)969-8845

AOL-3
Academy of Learning (Mississauga)
1300 Central Parkway West
Suite 109
Mississauga L5C-4G8
(416)566-0124

AOL-4
Academy of Learning (Kitchener)
100 Victoria Street North
Unit #1
Kitchener N2H-6R5
(519)749-0318

AOL-5
Academy of Learning (Markham)
7170 Warden Avenue
Unit 7
Markham L3R-8B2
(416)940-8973

AOL-6
Academy of Learning (Yonge/Finch)
5467 Yonge Street
Suite 2
Willowdale M2N-5S1
(416)733-9954

AOL-7
Academy of Learning (Brampton)
45 Bramalea Road
Suite 110
Brampton L6T-2W4
(416)458-0390

AOL-8
Academy of Learning (Pickering)
1550 Kingston Road
Suite #201
Pickering L1V-1C3
(416)831-8167

AOL-9
Academy of Learning (Owen Sound)
1071 2nd Avenue East
Owen Sound N4K-2H8
(519)371-6188

AOL-10
Academy of Learning (Burlington)
760 Brant Street
Unit 39
Burlington L7R-4B7
(416)333-1335

AOL-11
Academy of Learning (Eglinton/Scarborough)
2500 Eglinton Avenue East
Suite 204
Scarborough M1K-2R5
(416)265-8973

AOL-12
Academy of Learning (Oakville)
Suite 208, Oakville Prof. Centre, 466 Speers Road
Oakville L6K-2G3
(416)338-6600

AOL-13
Academy of Learning (Downsview)
1315 Finch Avenue West
Suite 211
Downsview M3J-2G6
(416)398-8973

AOL-14
Academy of Learning
(Yonge/Eglinton)
2154 Yonge Street
Toronto M4S-2A8
(416)486-4747

AOL-15
Academy of Learning (Etobicoke)
4891 Dundas Street West
Suite # 2
Etobicoke M9A-1B2
(416)234-8973

AOL-16
Academy of Learning (Oshawa)
57 Simcoe Street South
Suite H-1
Oshawa L1H-4G4
(416)579-8973

AOL-17
Academy of Learning (Guelph)
226 Speedvale Avenue West
Guelph N1H-1C4
(519)824-9431

AOL-18
Academy of Learning (Kingston)
1085 Princess Street
2nd Floor
Kingston K7L-1H3
(613)544-8973

AOL-20
Academy of Learning (Hamilton)
640 Upper James Street
Suite 302
Hamilton L9C-7L7
(416)575-3276

AOL-21
Academy of Learning (Thornhill-Richmond Hill)
7027 Yonge Street
Thornhill L3T-2A5
(416)882-4004

AOL-22
Academy of Learning (Cornwall)
12 Second Street West
Cornwall K6J-1G2
(613)936-8973

AOL-23
Academy of Learning
(Mississauga-Palstan)
3034 Palstan Road
Suite 200
Mississauga L4Y-2Z4
(416)949-0808

AOL-24
Academy of Learning
(London North)
700 Richmond Street
London N6A-5C7
(519)433-2353

AOL-25
Academy of Learning
(St. Catharines)
50 Niagara Street
St. Catharines L2R-4K9
(416)641-0835

AOL-26
Academy of Learning(Cambridge)
1315 Bishop Street
Unit 120
Cambridge N1R-6Z2
(519)622-7271

AOL-27
Academy of Learning (Barrie)
400 Bayfield Street
Suite 215
Barrie L4M-5A1
(705)721-8119

AOL-28
Academy of Learning (Danforth)
851 Danforth Avenue
Toronto M4J-1L7
(416)778-4554

AOL-29
Academy of Learning (Thunder Bay)
414 East Victoria Avenue
Thunder Bay P7C-1A5
(807)622-5780

AOL-30
Academy of Learning (Midland)
295 King Street
Midland L4R-3M5
(705)527-1192

AOL-31
Academy of Learning
(Collingwood)
207 Hurontario Street
Collingwood L9Y-2M1
(705)444-6207

AOL-32
Academy of Learning
(Yonge/Sheppard)
4866 Yonge Street
2nd Floor
North York M2N-5N2
(416)733-8994

AOL-33
Academy of Learning (Ottawa - East)
1355 Bank Street
Suite 206
Ottawa K1H-8K7
(613)526-8973

AOL-34
Academy of Learning (Ottawa - Central)
130 Albert Street
Lower Level
Ottawa K1P-5G4
(613)567-8973

AOL-35
Academy of Learning (Peterborough)
277 George Street North,
George King Centre
Peterborough K9J-3G9
(705)741-5852

AOL-36
Academy of Learning (Sudbury)
1142 Lasalle Blvd.
Sudbury P3A-1Y4
(705)524-8973

AOL-37
Academy of Learning (Newmarket)
665 Davis Drive
Unit 2
Newmarket L3Y-2R2
(416)836-8973

AOL-38
Academy of Learning (Eglinton/Dufferin)
1886 Eglinton Avenue West
2nd Floor, Office B
Toronto M6E-2J6
(416)782-8282

AOL-39
Academy of Learning (Brantford)
401 St. Paul Avenue
Brantford N3R-4N7
(519)753-7182

AOTC
Automated Office Training Centre (The)
11 Yorkville Avenue
Suite #502
Toronto M4W-1L3
(416)927-0242

ASM
Agency School of Modelling (The)
394 Clarence Street
Upper Level
London N6A-3M7
(519)432-3955

ATDT
Adanac Truck Driver Training Ltd.
2305 Markham Rd.
Suite 24
Scarborough M1B-2W3
(416)754-2222

BB-1
Business Basics
370 Main Street East
Suite 401
Hamilton L8N-1J6
(416)572-1040

BDA
Brown's Driving Academy Limited
54B Market Square
Trenton K8V-3V5
(613)392-4273

BFMC-1
Broadbelt & Fonte Model Centre
10 George Street North
Suite 202
Brampton L6X-1R2
(416)796-6335

BPMI
Barrett Palmer Models International Inc.
410 Queen Street
Suite 1
Ottawa K1R-5A7
(613)235-5145

BRA
Bradson Educational Services
440 Laurier Avenue West
Suite 200
Ottawa K1R-7X6
(613)782-2342

BS-1
Bartending School (The)
744A Broadview Avenue
Toronto M4K-2P1
(416)466-7847

CACT-1
Cacti
47 Camden Street
2nd Floor
Toronto M5V-1V2
(416)867-9721

CAPS
Caps Health Care Aid School
250 Wyecroft Road,
Unit 8,
Oakville L6K-3T7
(416)844-5588

CARYL-1
Caryl Baker Visage School of Cosmetics
801 Eglinton Avenue West
Toronto M5N-1E3
(416)789-7191

CATE-1
Canadian Academy of Travel Education Inc.
77 City Centre Drive
Suite 560
Mississauga L5B-1M5
(416)273-5274

CBC
Clarke Business College
1 Front Street North
Belleville K8P-5G9
(613)966-9446

CBI
Chrissie's Beauty Institute of Ottawa
24 Clarence Street
Ottawa K1N-5P3
(613)232-1052

CBS-1
Commercial Business School
2323 Yonge Street,
Suite 204
Toronto M4P-2C9
(416)480-1546

CBS-2
Commercial Business School
90 Dundas Street West
Main Lobby
Mississauga L5B-1H7
(416)896-0990

CBT-2
College of Business Training
110 Dunlop St. W.
Barrie L4N-4Y4
(705)721-1597

CBT-3
College of Business Training
(Sault Ste. Marie)
390 McNabb Street
Sault Ste.Marie P6B-1Z1
(705)945-9459

CC
Canada College
577 Annette Street
Toronto M6S-2C3
(416)604-0064

CCC-1
Career Canada College
385 Yonge Street
Suite 200
Toronto M5B-1S1
(416)977-7797

CCC-2
Career Canada College
1039 Upper James St.
Hamilton L9C-3A7
(416)387-5214

CCC-3
Career Canada College
2315 Riverside Drive
Billings Bridge Plaza
Ottawa K1H-7X6
(613)523-8355

CCMH
Canadian College of Massage & Hydrotherapy
85 Church Street
PO Box 340
Sutton West L0E-1R0
(416)722-3162

CHS
Constellation College of Hospitality
900 Dixon Road
Etobicoke M9W-1J7
(416)675-2175

CIB-1
Canadian Institute of Business Ltd.
210 Dundas Street
London, Ontario N6A-5J3
(519)672-9520

CIB-2
Canadian Institute of Business Ltd.
242 Indian Road South
Suite 209, Eastland Plaza
Sarnia N7T-3W4
(519)332-8440

CIB-3
Canadian Institute of Business Ltd.
660 Ouellette Avenue
Suite 206
Windsor N9A-1C1
(519)258-7870

CIFD
Canadian Institute of Floral Design
4812 Yonge Street
North York M2N-5M9
(416)855-1194

CIHC-1
Canadian Institute of Health Care
1573 Eglinton Ave. West
Suite # 3
Toronto M6E-2G9
(416)785-5572

CLC-1
Computer Learning Centre (Peterborough)
296 Aylmer St. North
Peterborough K9J-3K7
(705)745-4804

CLC-2
Computer Learning Centre (Whitby)
121 Brock Street North
3rd Floor
Whitby L1N-4H3
(416)668-9713

CMSI-1
Carolyn's Modelling and Self Improvement Agency
16 Britannial Road East
Suite 210
Mississauga L5M-4Y4
(416)542-8885

COM-1
Comdrive Transportation School
11400 Tecumseh Road East
Windsor N8N-1L7
(519)979-1388

COND
CDI Career Developments Institutes Ltd.
280 Albert Street
Ottawa K1P-5G8
(613)236-8282

COND-2
CDI Career Development Institutes Ltd.
75 Eglinton Avenue East
2nd Floor
Toronto M4P-2Z9
(416)485-8585

COND-3
CDI Career Development Institutes Ltd.
Suite 124
2206 Eglinton Avenue East
Scarborough M1L-4S7
(416)750-8585

COND-4
CDI Career Development Institutes Ltd.
33 City Centre Drive
Suite 111
Mississauga L5B-2N5
(416)848-8585

COND-5
CDI Career Development Institutes Ltd.
The Island Plaza
560 King Street West
Oshawa L1J-7J1
(416)434-8585

CP
Celebrity Place
20 Ray St.
Oshawa L1G-5N1
(416)434-7813

CPFS-1
Canadian Picture Framers School (Ontario)
210 Cochrane Drive
Unit 5
Markham L3R-8E6
(416)940-9280

CPPD-1
CP Driver Training School
150 Commissioners Street
Toronto M5A-3R9
(416)495-2334

CSPI
Canadian School of Private Investigation & Security Ltd.
2828 Dufferin Street
Toronto M6B-3S3
(416)785-5701

CSSM-1
Cameo School of Self Improvement and Modelling Ltd
379 Queen Street South
Kitchener N2G-1W6
(519)744-8989

CTI-1
Career Training Institute
2828 Dufferin Street
Toronto M6B-3S3
(416)785-5701

DBCC
Durham Business and Computer College
1305 Pickering Parkway
Suite 314
Pickering L1V-3P2
(416)427-3010

DBCC-1
Durham Business Computer College
4117 Lawrence Avenue East
Suite 109
Scarborough M1E-2S2
(416)724-1053

DDTS-1
Danbro Driver Training Services
Mountain Plaza
Hamilton
(416)573-1177

DIT
DeVry Institute of Technology
2201 Finch Avenue West
Weston M9M-2Z4
(416)741-9220

DLI
D'Arcy Lane Institute (The)
379 Dundas St.
London Towers
London N6B-1V5
(519)673-4420

DMSL-1
Destinations Modelling School Ltd
Shoppers World Brampton
Suite 208 - 499 Main Street S
Brampton L6Y-1N7
(416)457-8373

EBE-1
École Beauté Esthétique
1984 Regent Street South
Sudbury P3E-5S1
(705)522-6524

EDSK
Expressions by D.S.K.
32 Grand Avenue S.
Cambridge N1S-2L6
(519)622-2360

EE-1
École d'Esthétique (L')
198 McArthur Avenue
Vanier K1L-6P5
(613)749-7927

EFL-1
Eleanor Fulcher International Ltd.
The Eaton Centre
220 Yonge Street, P.O. Box 606
Toronto M5B-2H1
(416)979-7577

EHFM
Elen Henderson Finishing & Modelling Agency Limited
900 A Don Mills Road
Don Mills M3C-1V6
(416)444-1625

EOST
Eastern Ontario School of Trucking Ltd.
Sweetnam Drive
R.R. # 2
Stittsville K2S-1G2
(613)839-2391

EOST-2
Eastern Ontario School of Trucking/Kingston
191 Dalton Ave.
Kingston K7L-5C8
(613)542-7898

EPFI
Ellen Peterson Fashion Institute
2 Tanjoe Crescent
North York M2M-1P7
(416)222-4533

ESI
Elegance Schools Inc.
781 Richmond Street
London N6A-3H4
(519)434-1181

ESIM
Esprit School of Self Improvement & Modelling Inc. (The)
23 Cole Rd.
Guelph N1G 4S3
(519)836-5630

ESIS
Edith Serei International School of Esthetics
895 Yonge Street
Toronto M4W-2H2
(416)924-4382

FIC
Fashion Institute of Canada (The)
181 Eglinton Avenue East
3rd Floor
Toronto M4P-1J4
(416)481-6477

FSM
Flare Modelling Inc.
444 Timothy Street
Newmarket L3Y-1P8
(416)898-1149

FSNT-1
Fingertips International School of Nail Technology
442 Clarence Street
London N6A-3M8
(519)438-2739

FWDS
Fifth Wheel Driving School
N1/2 Lot 8 Con 2 Harley Twp.
P.O. Box 2266
New Liskeard P0J-1P0
(705)647-7202

GHA
Grand High Academy Truck Driver Training
1454 Dundas Street East
Suite 106
Mississauga L4X-1L4
(416)615-0203

GI-1
Granton Institute of Technology Ltd
263 Adelaide Street West
Toronto M5H-1Y3
(416)977-3929

GIN-1
Gina's School of Aesthetics and Electrolysis
1454 Dundas Street East
Unit 112
Mississauga L4Y-1L4
(416)897-9895

GIN-2
Gina's School of Aesthetics and Electrolysis
6 Regina Street North
Waterloo N2J-2Z8
(519)886-2998

GLMS-1
Goldie Lister's Make-up Studio
194 King Street South
Waterloo N2J-1P9
(519)748-1322

GMCM
Gloria Moody Models
1420 Isabella Street
Thunder Bay P7E-5B9
(807)622-9064

GWS
General Welding School Ltd.
61-63 Jarvis St.
Toronto M5C-2H2
(416)363-7635

HBI
Halton Business Institute
460 Brant Street
Suite 204
Burlington L7R-4B6
(416)637-3415

HC-1
Heritage College
158 1/2 Rideau Street
Ottawa K1N-5X6
(613)230-9024

HC-2
Heritage College
80 King Street
St. Catharines L2R-7G1
(416)641-1500

HCVC
Health Care Vocational Centres
1992 Yonge Street Suite 306
Toronto M4S-1Z7
(416)322-6339

HCVC-2
Health Care Vocational Centres (Mississauga)
1490 Rathburn Road East
(Beechwood Crt.)
Mississauga L4W-4L7
(416)322-6339

HER-1
Herzing Institutes of Canada Ltd
396 Cooper Street
3rd Floor
Ottawa K2P-2H7
(613)234-8099

HER-2
Herzing Institutes of Canada Limited
164 Eglinton Avenue East
Toronto M4P-1G4
(416)484-6996

HIA-1
Harris Institute for the Arts Incorporated
296 King Street East
Toronto M5A-1K4
(416)367-0178

HSC
Hamilton School of Careers
133 Delmar Dr.
Hamilton L9C-1J8
(416)574-0307

HSMR-1
Hands On School of Modern Recording
3886 Chesswood Drive
Downsview M3J-2W6
(416)638-3869

HST
Huntsville Secretarial Teaching Service
19 Rogers Road,
Huntsville P0A-1K0
(705)789-4267

IAMD
International Academy of Merchandising & Design (Canada) Ltd.
31 Wellesley Street East
Toronto M4Y-1G7
(416)922-3666

ICS
Institute for Computer Studies (The)
155 Gordon Baker Road
North York M2H-3P9
(416)499-9022

IIT-1
International Institute of Travel
Suite 302
1240 Bay Street
Toronto M5R-2A7
(416)924-2271

ITM-2
International Top Models
185 Somerset St. W.
Suite 201
Ottawa K2P-0J2
(613)236-9575

ITT
Institute of Technical Trades Ltd
115 Shorncliffe Rd.
Toronto M8Z-5K7
(416)234-5172

JBA-1
Johnson Business Academy Limited (The)
1 Hughson Street North
Suite 201
Hamilton L8R-3L5
(416)523-4494

JMAA
Jean Macdonalds Advanced Academy of Make-Up & Esthetics
730 Yonge St.
Toronto M4Y-2B7
(416)967-9107

JRTD-1
J. and R. Transport Driver Training Schools Inc.
1439 Youville Drive, Unit 20
Orleans K1C-4M8
(613)830-9580

JTT
Jessie Truck Training School
1310 Dundas Street East
#215
Mississauga L4Y-2C1
(416)896-2771

JWBI-1
Jonny Wong Beauty Institute
3160 Steeles Avenue East
Wycliffe Park, Lower Level
Markham L3R-1G9
(416)940-6236

JWSM-1
Judy Welch International Inc.
1055 Yonge Street
Suite 210
Toronto M4W-2L2
(416)922-5839

KIKC
Kikkawa Shiatsu School Inc.
1 Riverview Gardens
Toronto M6S-4E4
(416)762-4857

KRTS-1
Kim Richardson Transportation Specialists Inc.
592 King William St.
Caledonia N0A-1A0
(416)765-3445

KTA
Knox Travel Academy
2 Bloor Street West
1720
Toronto M4W-3E2
(416)323-0001

KWW
K.W. Welding and Fitting Academy
440 Phillip St.
Unit #13
Waterloo N2L-5R9
(519)746-3431

KWW-1
K. W. Welding and Fitting Academy (Guelph Campus)
100 Crimea Road
Guelph N1H-2Y6
(519)763-9592

KWW-2
K.W. Welding & Fitting Academy, London Campus
90 Charterhouse Crescent
Unit #9
London N5W-5V8
(519)455-8460

LAI-1
Laboratory Arts Institute Inc. (The)
1333 Nellson Road
Suite 315
Scarborough M1B-4Y9
(416)287-1010

LAKE
Lakehead Modelling School
179 Rupert Street
Thunder Bay P7B-3X1
(807)344-5973

LMSA
Luba Mera School of Aesthetics
515 John Street
Tudor Square
Burlington L7R-2L1
(416)681-7882

LSAE
Lam School of Advanced Esthetics
916 Markham Road
Scarborough M1H-2Y3
(416)439-3356

LTDT-1
Lyon's Truck Driver Training
1690 Jane Street
Suite 205
Weston M9N-2S4
(416)248-8885

LTEC-1
London Travel Education Centre
155 York St.
London N6A-1A8
(519)672-2071

MARK
Markham Word Processing Centre
333 Denison Street
Unit 18
Markham L3R-2Z4
(416)479-1811

MAS
Matthews Auctioneering School
14 Toronto Street
Flesherton N0C-1E0
(519)924-2621

MBS
Metzler Business School
214 Concession Street
Kingston K7K-2B5
(613)546-1254

MCGR
McGraw-Hill Continuing Education Centre Inc.
300 Water Street
Whitby L1N-9B6
(416)430-5200

MER-1
Merv Orr's Transport Driver Training School
8 Stratheam Road
Unit 25
Brampton L6T-4L8
(416)791-6381

MER-2
Merv Orr's Transport Driver Training School
16 Corydon Place
P.O. Box 3186
Cambridge N3H-4S6
(519)623-2430

MER-3
Merv Orr's Transport Driver Training School
2415 Holly Lane
Suite 200
Ottawa K1V-7P2
(613)523-3489

MHI-1
Materials Handling Institute of Canada Limited
100 Westmore Drive
Unit 4
Rexdale M9V-5C3
(416)743-4864

MIPT-I
Markel Institute of Professional Transport Training
Nicholas Beaver Road,
R.R. #3 P.O. Box 150
Guelph N1H-6J5
(519)763-2383

MPDC-1
Mountain Plaza Driving Academy
673 Upeer James Street
Hamilton L9C-5R9
(416)387-2031

MSSC
Marvel School of Skin Care & Cosmetics
27 Yorkville Avenue
Toronto M4W-1L1
(416)923-0991

MSW
Mountain School of Welding
1495 Upper James Street
Hamilton L9B-1K2
(416)383-7827

MTDS-1
Moga Truck Driving School
1850 Albion Road #2
Rexdale M9W-6J9
(416)674-0216

NAI-1
Nail Academy Inc.
7700 Hurontario St.
Suite 312A
Brampton L6Y-4M3
(416)450-6245

NC-1
National College
1500Don Mills Rd.
Unit 705
North York M3B 3K4
(416) 510-1990

NET
North Eastern Transport Training Centre
400 Crawford
Timmins P0N-1H0
(715)235-8330

NET-1
North Eastern Transport Training Centre
109 Elm Street
Sudbury P3C-1T4
(705)673-0581

NEW
The New School of Complete Success Models Inc.
6249 St. John Street
Niagara Falls L2J-1C6
(416)374-3069

NIB
National Institute of Broadcasting
1498 Yonge St
Toronto M4T-1Z8
(416)922-2793

NSV-3
New Skills Vocational School
Fairview Home
799 Concession St.
Cambridge N3H-4L1
(416)698-5588

NT-1
Northern Trainers
R.R. #1
District of Sudbury
Worthington P0M-3H0
(705)866-0300

NTTS-1
National Truck Training School
1055 Shawnmarr Road
Unit #158
Mississauga L5H-3V2
(416)274-0034

OAC
Office Automation Education Centres
21 St. Clair Avenue East
Suite 300
Toronto M4T-1L9
(416)960-8686

OBC-H
Ontario Business College Limited
158 George Street
Belleville K8N-3H1
(613)962-5308

OBC-1
Ontario Business College (Belleville Campus)
12 Moira Street East
Belleville K8P-2R9
(613)962-9157

OBC-3
Ontario Business College
(Lougheed Campus)
445 King Street West
Kitchener
(519)579-3160

OBC-4
Ontario Business College
(Oshawa Campus)
54 Centre Street North
Oshawa L1G-4B5
(416)576-9175

OBC-5
Ontario Business College
(Ottawa Campus)
30 Murray Street
Ottawa K1N-5M4
(613)236-1086

OBC-6
Ontario Business College
(Sudbury Campus)
76 Elm Street East
Sudbury P3C-1R8
(705)673-1190

OBC-7
Ontario Business College
(Thunder Bay Campus)
115-117 North May Street
Thunder Bay P7C-3N8
(807)623-4741

OBC-8
Ontario Business College
(Windsor Campus)
2462 Howard Avenue
Windsor N8X-3V6
(519)252-3425

OBC-9
Ontario Business College
(Laroque-Lafortune Campus)
30 Murray Street
Ottawa K1M-5M4
(613)236-0443

ODE
Ottawa School of Electrolysis
1226A Wellington St.
Ottawa K1Y-3A1
(613)722-0860

ODS-1
Ontario Truck Driving School
266 Wellington Street
2nd Floor
London N6B-2L5
(519)673-4360

OIAR
Ontario Institute of Audio
Recording Technology
500 Newbold Street
London N6E-1K6
(519)686-5010

OSIL-1
Osilia Institute for Health
Personnel Ltd.
428 Parliament Street
Toronto M5A-3A2
(416)960-1810

OSIL-2
Osilia Institute for Health
Personnel Ltd.
131 John Street South
#108
Hamilton L8N-2C3
(416)529-4507

OTTD-1
Old Timer's Truck Driving School
Inc. (The)
25 Pheasant St.
Whitby L1N-7E7
(416)666-9797

PARK
Park Business College
145 King Street East
Hamilton L8N-1B1
(416)529-1108

PBC
Pathfinder Business College
School
1 Elmhurst Avenue
North York M2N-1R3
(416)225-3737

PBI
Practical Business Institute (The)
3107 Bloor St. West
Units 204 & 205
Toronto M8X-1C4
(416)239-0977

PMA-1
Donvale Medical Centre
597 Parliament Street
Suite B6
Toronto M4X-1W3
(416)925-2120

PNMM
Penny Noble - Moda
Model/Image Centre
2411 Yonge Street
Suite 202
Toronto M4P-2E7
(416)482-6744

PNS
PNS Health Care Aide School
89 Queensway West
Suite 100
Mississauga L5B-2V2
(416)896-0200

PPM
Penelope Professional Modelling
School and Agency Limited
4141 Yonge Street
Suite 104
Toronto M2P-2A8
(416)733-4440

PRO-1
Pro Truck Driving School Ltd.
130 LePage Court
Unit #26
Downsview
(416)631-7222

PSEB
Pebec School of Esthetics and
Beauty Therapy
179 King Street, 2nd Floor
London N6A-1C9
(519)432-7162

PTDS
Punjab Truck Driving School
41 Bramalea Road
Brampton L6T-2W4
(416)792-0052

RAPC-1
Recording Arts Program of
Canada
28 Valrose Drive,
Stoney Creek L8E-3T4
(416)662-2666

RBC
Retter Business College Inc.
120 Eglinton Ave. E.
Suite 215
Toronto M4P-1E2
(416)481-7111

RCC
RCC School of Electronics
Technology Ltd.
243 College Street
Toronto M5T-2Y1
(416)598-4004

RCDT-1
Richardson Commercial Driver
Training Services Ltd.
Group Box #2, Box #2
RR #2
Caledonia N0A-1A0
(416)765-5200

RETS
Radio Electronic Television
School
2067 Danforth Ave.
Suite 200
Toronto M4C-1J8
(416)698-5287

RI
Robetech Institute Inc.
1001 Woodbine Avenue
Toronto M4C-4C2
(416)467-7779

RI-1
Robetech Institute Inc.
(Mississauga)
230 Lakeshore Road East
Suite 300
Mississauga L5G-1G7
(416)467-7779

RSC
Richmond School of Commerce
43 Eglinton Avenue East
Suite 603
Toronto M4P-1A2
(416)486-6772

RSEB
Rachelle's School of Electrolysis
& Beauty Care
1-425 McArthur Road
Ottawa K1K-1G5
(613)748-3030

RST
Rodgers School of Truck Driver
Training Ltd.
400 Alliance Ave.
Toronto M6N-2H8
(416)769-3546

RST-2
Rodgers School of Truck Driver
Training Ltd.
Parkside Mall, Unit 6
Hwy. 11 North
R.R. 3
Orillia L3V 6H3
(705) 326-8411

SBA
Sterling Business Academy Inc.
637 Dundas Street
3rd Floor
London N5W-2Z1
(519)433-3936

SBC
Success Business College
20 Eglinton Avenue East
Suite 201
Toronto M4P-1A9
(416)487-6493

SBI
Syme Business Institute
2289 Fairview Street, Unit 106
Fairview Business Park
Burlington L7R-2E3
(416)639-4473

SCA
School of Computer Accounting
4850 Keele Street
North York M3J-3K1
(416)736-0123

SCBC
St. Catharines Business College
101 King Street
P. O. Box 1473
St. Catharines L2R-7J9
(416)685-6421

SCS
School of Canine Science
R.R. #2
Shelburne L0N-1S0
(519)925-2656

SCST-1
Sutherland-Chan School and Teaching Clinic
330 Dupont Street
4th Floor
Toronto M5R-1V9
(416)924-9413

SFSH
Stevens Finishing School of Hamilton
630 Main Street East
Hamilton L8M-1S4
(416)529-5901

SHA-1
Shaw Colleges
191 Eglinton Avenue East
3rd Floor
Toronto M4P-1J4
(416)481-6477

SMA
School of Makeup Art Ltd. (The)
72 Carlton Street
Suite 202
Toronto M5B-1L6
(416)961-1300

SMCC
Sutherland's Modelling and Career Centre
20 Eglinton Avenue East
Suite 400
Toronto M4P-1A9
(416)489-0900

SOSA
Southwestern Ontario School of Auctioneering
R.R. #5
Woodstock N4S-7V9
(519)537-2115

SSC
Shiatsu School of Canada Inc.
547 College St.
Toronto M6G-1A9
(416)323-1818

SSD
Sheffield School of Interior Design
38 McArthur Avenue
Ottawa K1L-6R2
(613)749-8248

ST-1
SoftTrain (East)
2850 Finch Avenue East
Suite 308
Scarborough M1T-3T6
(416)297-1945

STT
Stansell Truck Training
Fifth Street
Box 53
Strathroy N0J-1Y0
(519)866-3790

SWBC
Southwestern Business College Inc.
111 Waterloo St.
London N6B-2M4
(519)679-7346

SWMS-1
Secreta Wendy Milinkovich School of Modelling
4400 Queen Street
Niagara Falls L2E-2L3
(416)358-9231

TBSC-1
Thunder Bay School of Cosmetology and Electrology
40 North Algoma Street
Thunder Bay P7A-4Z3
(807)345-5632

TBT
Toronto Bartenders Training School
617A Bloor St. West
Toronto M6G-1K8
(416)531-3027

TCTD-1
Trans-Canada Truck Driving Academy
4 - 500 Industrial Park Cres.
Sault Ste Marie P6C-5A5
(705)759-3291

TDS
Techni-Data Institute of Canada
1 Wilkinson Road Unit C
Brampton L6T-4M6
(416)796-7207

TDTD
Techni-Data Truck Driving School
800 McKeown Avenue
North Bay P1B-8M1
(705)495-4386

TEBS-1
Trillium Esthetic and Beauty School of Canada
175 West Beaver Creek Road, Unit 20
Richmond Hill L4B-1L1
(416)882-0012

TFDA-1
10-4 Driving Academy
399 Mooney Street
P.O. Box 3416
Thunder Bay P7B-5J9
(807)345-0281

TIRA-1
Trebas Institute of Recording Arts
410 Dundas Street East
Toronto M5A-2A8
(416)966-3066

TRIC-1
Tri-County Vocational Driver Training Schools Inc. (Cambridge)
2411 Eagle Street North
Unit 1, R.R. #32
Cambridge N3H-4R7
(519)653-1700
1-800-265-0400

TRIC-3
Tri-County Vocational Driver Training Schools Inc. (Mississauga)
2404 Haines Road
Unit #8
Mississauga L4Y-4B8
(519)653-1700

TRW
Toronto Recording Workshop
374 Bering Avenue
Toronto M8Z-3A9
(416) 949-0050
1-800-265-0400

TSB-H
Toronto School of Business
North American Life Centre
Xerox Tower
5650 Yonge Street
North York M2M-4G3
(416)733-4452

TSB-1
Toronto School of Business (The) (Willowdale)
5635 Yonge Street
Suite 204
Willowdale M2M-3S9
(416)221-4386

TSB-2
Toronto School of Business (The) (Yonge/Eglinton)
2434 Yonge Street
Toronto M4P-2H4
(416)480-2164

TSB-3
Toronto School of Business (The) (Hamilton)
8 Main Street East
Hamilton L8N-1E8
(416)521-2112

TSB-4
Toronto School of Business (The) (Mississauga)
165 Dundas St. West
Mississauga L5B-2N6
(416)273-7706

TSB-5
Toronto School of Business (The) (Scarborough)
2432 Eglinton Ave. East
Unit # 11
Scarborough M1K-2P8
(416)288-5333

TSB-6
Toronto School of Business (The) (Yonge/Bloor)
771 Yonge Street
Toronto M4W-2G4
(416)963-5913

TSB-7
Toronto School of Business (The) (Etobicoke)
2323 Bloor St. West, Suite 203
Windermere Court, 2nd Floor
Etobicoke M6S-1P2
(416)766-6015

TSB-8
Toronto School of Business (The) (Pickering)
1450 Kingston Road, Suite 17
Pickering L1V-1C1
(416)420-1344

TSB-9
Toronto School of Business (The) (Ottawa)
301 Laurier Street West
3rd Floor
Ottawa K1P-6M6
(613)233-4533

TSB-10
Toronto School of Business (The) (Brampton)
389 Main Street North
Brampton L6X-1N7
(416)454-5932

TSB-11
Toronto School of Business (The) (St. Catharines)
71 King Street
St. Catharines L2R-3H7
(416)641-5511

TSB-12
Toronto School of Business (The) (Kitchener)
120 Ottawa St. North
Eastwood Square Mall
Kitchener N2H-3K4
(519)745-1140

TSB-13
Toronto School of Business (The) (Oshawa)
11 Simcoe Street North
Oshawa L1G-4R7
(416)723-1163

TSB-14
Toronto School of Business (The) (London)
272 Dundas Street
3rd Floor
London N6B-1T6
(519)667-2905

TSB-15
Toronto School of Business (Windsor)
540 Ouellette Avenue
3rd Floor
Windsor N9A-1B7
(519)971-7588

TSB-16
Toronto School of Business (Markham)
5694 Hwy 7
2nd Floor, Sherwood Plaza
Markham L3P-1B4
(416)472-2591

TTCC
Travel Training Career Centre Ltd.
2160 Yonge Street
Toronto M4S-2A8
(416)481-2265

TTCC-2
Travel Training Career Centre Ltd. (Mississauga)
33 City Centre Drive
Suite 105/107
Mississauga L5B-2N5
(416)566-9617

TTHS
T & T Hospitality Services
R.R. #2
Carleton Place K7C-3P2
(613)257-7871

ULS
Upper Lakes Pre-Sea Training
49 Jackes Avenue
Toronto M4T-1E2
(416)920-7610

UMFS
Universal Mannequenn Fashion School & Model Agency
748 Richmond Street
2nd Floor
London N6A-3H3
(519)673-1234

VDS-1
Villaverde Data Systems
678 Brimley Road
Scarborough M1J-1C1
(416)267-6245

VERS
Versailles Academy of Make-Up Arts & Esthetics
1355 Bank Street
Suite 5
Ottawa K1H-8K7
(613)521-4155

VM
Vogue Models
237 Locke Street South
Suite 301-302
Hamilton L8P-4T4
(416)523-5077

VWMS-1
Verna Williams Modeling & Charm School
2011 James Street
Burlington L7R-1H1
(416)632-1065

WAIB-1
Welding At Its' Best Inc.
28 Micro Court
Unit 6
London N6E-2T5
(519)668-5330

WBC
Warner Business College
Canada Trust Building
55 Cork Street E. Unit 306
Guelph N1H-4E9
(519)824-7461

WBS
Westervelt Business School Limited
190 Wortley Road
London N6C-4Y7
(519)679-0780

WILBC
Willis Business College Limited
85 O'Connor Street
Ottawa K1P-5M6
(613)233-1128

WILBC-2
Willis Business College Limited (The)
1320 Yonge Street
Toronto M4T-2W4
(416)944-8800

WTI-1
Westervelt Travel Institute
190 Wortley Road
London N6C-4Y7
(519)679-0780

ZSEC
Zehava School of Esthetics and Cosmetology
1111 Finch Avenue West
Suite 101
Downsview M3J-2E5
(416)665-8030

Distance Education and Correspondence Study

General Information
Distance education provides an accepted alternative to enrolment in regular, full- or part-time study programs. However, if you are thinking about correspondence study, you should consider carefully the discipline and motivation needed to establish and keep good independent study habits. In Ontario, distance education is offered by

- Contact North
- Independent Learning Centre
- registered private vocational schools (private correspondence schools)
- Michener Institute for Applied Health Sciences
- accountants' organizations
- TVOntario
- colleges of applied arts and technology universities

Contact North: Distance Education Network
Contact North does not offer courses on its own behalf, but serves as a delivery vehicle for universities, colleges, and secondary schools, which use the Contact North network to deliver distance education courses to students throughout Northern Ontario.

It is an initiative of the Ontario government to increase educational opportunities for residents of Northern Ontario. By using the services of Contact North, learners can receive instruction, support, and information without leaving their own community. This can result in savings of time and money for students and opens up learning opportunities that would not otherwise be available.

Contact North operates a network of electronic classrooms at access sites in communities across Northern Ontario. Each access site is equipped with a variety of educational technology devices to enhance and deliver distance learning. These technologies may include computers, audio teleconference equipment, facsimile machines, audio and video recorders, and audiographic equipment (which acts like an electronic blackboard).

A variety of courses from postsecondary and secondary institutions are delivered to the access sites. Over 200 courses are now offered through the Contact North Network. Many of them lead to a university degree or college diploma. Calendars, registration forms, and information about distance education opportunities across Canada are available at many Contact North Access sites.

Some of the communities with Contact North access sites are:
Atikokan, Chapleau, Dryden, Elliot Lake, Espanola, Fort Frances, Geraldton, Hearst, Hornepayne, Iroquois Falls, Kapuskasing, Kenora, Kirkland Lake, Manitoulin Island (West Bay), Marathon, Mattawa, Moosonee, Noelville, North Bay, Parry Sound, Red Lake, Sault Ste. Marie, Sioux Lookout, Sturgeon Falls, Sudbury, Thunder Bay, Timmins, and Wawa.

At many of the Contact North access sites, a site co-ordinator is available to assist students with identifying distance education courses and programs and with registration. Access to Contact North is also available in many other Northern Ontario communities. If there is no listing for COntact North in your local phone book, please contact one of the two regional co-ordinating centres listed below:

Contact North
Northwest Regional Co-ordinating Centre
Lakehead University
Bora Laskin Building
955 Oliver Rd.
Thunder Bay, Ontario P7B 5E1
(807) 343-8007
Fax: (807) 343-8013

Contact North
Northeast Regional Co-ordinating Centre
634 Notre-Dame Avenue
Sudbury, Ontario P3C 5L2
(705) 671-2710
Fax: (705) 671-2736

Independent Learning Centre
The Independent Learning Centre (ILC) provides distance education courses in French and English for Ontario residents who wish to complete an elementary and/or secondary education, upgrade their basic skills, or study for personal development. These courses are available free of charge to Ontario residents.

Students may enrol at any time and proceed at their own pace through the lesson. For most courses, lessons, textbooks, and other supplies are sent on loan and the only cost to students is the postage to mail assignments to their teachers. Counselling is available to advise applicants and enrolled students about appropriate programs. Also, a telephone tutorial service is available to students who encounter difficulties in their courses.

The elementary program provided by ILC is designed for children who are unable to attend an Ontario school or who are living temporarily outside Canada. For adults who wish to upgrade their basic skills, ILC offers literacy courses in both languages.

Most of the students who take ILC courses are enrolled in the secondary program. While some full-time secondary school students supplement their day school programs through this service, the largest number are mature adults who wish to earn a diploma, gain employment skills, complete admission requirements for a postsecondary institution, or satisfy personal goals. All courses are based on Ministry of Education guidelines. Thus, certificates and diplomas are equal in value to those issued by Ontario schools.

For further information contact:
Independent Learning Centre
909 Yonge Street
Toronto, Ontario M4W 3G2
(416) 965-2657
Toll free: 1-800-387-5512

ILC Sudbury Office
2141 Lasalle Blvd.
Sudbury, Ontario P3A 2A3
(705) 688-3045
Toll free: 1-800-461-6257

Registered Private Vocational Schools
A number of private vocational schools in Ontario, registered under the Private Vocational Schools Act, offer correspondence training. These schools aim to provide practical training in the skills employers demand.

Private correspondence schools are helping to fill the need for vocational training for those unable to attend regular classes.

The activities of these institutions in terms of course offerings, length of training, and fee per course vary a great deal ($100 to $5 000) depending on the nature of the courses offered and the resources available to each private school. Some of the courses consist of a combination of residence and correspondence instruction, the residence portion usually comprising the latter part of the course.

For information on courses offered, contact the individual schools at the following addresses:

A.M.J. Electronic College
275 First Ave.
Ottawa, Ontario
K1S 2G7
(613) 238-2800

Canada College (Toronto)
3107 Bloor St. W.
Suite 204
Toronto, Ontario
M8X 1E2
(416) 237-0162

Career Canada College (Toronto)
385 Yonge St.
Suite 200
Toronto, Ontario
M5B 1S1
(416) 977-7797

Granton Institute of Technology Ltd.
263 Adelaide St. W.
Toronto, Ontario
M5H 1Y2
(416) 977-3929

McGraw-Hill Continuing Education Centre
300 Water St.
Whitby, Ontario
L1N 9B6
(416) 293-8787

National College
1500 Don Mills Rd.
Unit 705
North York, Ontario
M3B 3K4
(416) 510-1990

National Truck Training School Institute
1055 Shawinmann Rd.
Unit #158
Mississauga, Ontario
L5H 3V2
(416) 274-0034

Practical Business (The)
3038A Bloor St. W.
Toronto, Ontario
M8X 1C4
(416) 239-9919

School of Canine Science (The)
R.R. # 2
Shelburne, Ontario
L0N 1S0
(519) 925-2658

St. Catharines Business College
101 King St.
P.O. Box 1473
St. Catharines, Ontario
L2R 7J9
(416) 685-5421

Sheffield School of Interior Design
38 McArthur Avenue
Ottawa, Ontario K1L 6P2
(613) 749-8248

Success Business College
20 Eglinton Ave. E.
Suite 201
Toronto, Ontario M4P 1A9
(416) 487-6493

Michener Institute for Applied Health Sciences
Correspondence courses are offered in many health-science and general-interest subjects at the refresher, R.T., and post-R.T. levels. Students may enrol in correspondence courses at any time during the academic year.

For further information contact:
Division of Part-Time Studies
Michener Institute for Applied Health Sciences
222 St. Patrick Street
Toronto, Ontario M5T 1V4
Telephone (416) 596-3117

Accountants' Organizations
The Certified General Accountants Association of Ontario and the Society of Management Accountants of Ontario offer correspondence courses that, upon graduation, lead to the designation Certified General Accountant (CGA) and Certified Management Accountant (CMA) respectively.

Through the CGA Association, a course of study is offered in such management studies as financial management, information systems, and controllership. The program of study is primarily by correspondence, supplemented by lectures in different locations throughout the province. The course is offered nationally, and all subjects are identical in each province.

For further information on the CGA program of study, on admission requirements, and on the organization, contact:
Certified General Accountants Association of Ontario
240 Eglinton Ave. E.
Toronto, Ontario M4P 1K8
(416) 322-6520
Toll free: 1-800-668-1454

Certified General Accountants Association of Ontario
107 Sparks St.
Suite 301
Ottawa, Ontario K1P 5B5
(613) 232-5363, 232-5364

The Society of Management Accountants of Ontario offers a professional education course designed specifically for the field of management accounting in business and government. Available by correspondence or evening lecture, this five-level study program leads to the designation CMA. The CMA course teaches the concepts and techniques of management accounting, law, statistics and other relevant areas of financial management.

For further information on the society, the admission requirements, and courses required, contact:
The Society of Management Accountants of Ontario
70 University Ave., Suite 300
Toronto, Ontario M5J 2M4
(416) 977-7741
Toll free: 1-800-387-2991

The Institute of Chartered Accountants of Ontario offers correspondence courses in taxation and law to students registered with the institute. Information on these courses, and how they fit into the overall CA qualification requirements, can be obtained from the institute.

For further information on the institute and the qualification requirements for becoming a chartered accountant, contact:
Certified General Accountants Association of Ontario
240 Eglinton Ave. E.
Toronto, Ontario M4P 1K8
(416) 322-6520
Toll free: 1-800-668-1454

The University of Windsor offers distance education courses in introductory financial accounting, managerial cost accounting, accounting theory, advanced managerial cost accounting and analysis, finance, and data analysis.

For further information contact:
The Division of Continuing Education
University of Windsor
Windsor, Ontario N9B 3P4
(519) 973-7079

TV Ontario
TVOntario provides access to television-based learning opportunities for all Ontarians. The offering of credit telecourses is a collaborative venture between Ontario universities and TVOntario. Universities establish the curriculum, register students, arrange tutoring, set examinations, and assign credit. TVOntario produces the telecourses and makes television course components widely available through universities, its network broadcasts, and tape distribution. Lakehead, Laurentian, Wilfrid Laurier, and Windsor universities offer telecourses with TVOntario. This year, 15 first- or second- year credit telecourses in psychology, sociology, English, fine arts, religion, philosophy, geography, and science will be broadcast on TVOntario. Students must register with a university offering the course or make arrangements with their home university to transfer credit. For more information, contact the university of your choice.

Colleges of Applied Arts and Technology
Algonquin
The business division offers 42 credit courses, including accounting, business quantitative analysis, data processing, economics, English, finance, law, management studies and marketing. You may earn a business studies certificate by completing eight compulsory courses and four optional courses in the selected major area. For details, call the co-ordinator: (613) 727-7667.

The health sciences division offers courses in the palliative care multidiscipline program (370 hrs) and the working with the terminally ill multidiscipline program (270 hrs). The prerequisite course in orientation to palliative care is also available each September, January and April. For details, call the co-ordinator: (613) 727-7618.

Practising trainers or adult educators can register at any time for a self-directed, competency-based, two-year teacher training program, delivered worldwide. For details, call the co-ordinator: (613) 727-7618.

Museum workers may earn a museum technology diploma. A set of competencies/skills for in-service training programs may be selected by museums or museum associations and applied toward the diploma. For details, call the co-ordinator: (613) 727-7612.

For additional college information, contact:
School of Continuing Education
Central Office
Algonquin College of Applied Arts and Technology
1385 Woodroffe Ave., Room C230
Nepean, Ontario K2G 1V8
(613) 727-7666

Cambrian
A number of programs are offered through teleconferencing and computer conferencing, including ambulance and emergency care, early childhood education (diploma), critical care nursing (diploma), First Nations bands management, general business (2 years), gestion de la petite entreprise, gerontologie multidisciplinaire certificat à l'intention des diplômes, multidisciplinary gerontology (postdiploma), Native mental health, RNA refresher, teachers of adults (certificate program), techniques pour services de developpement, working with the aged (post-certificate). For further information, contact:
Distance Education Office
Cambrian College of Applied Arts and Technology
(705) 566-8101, Ext. 7908

Centennial
If you are currently employed under the supervision of an ophthalmologist and have an OSSD or equivalent, you may take the ophthalmic assistant home study program, endorsed by the Canadian Ophthalmological Society. For further information, contact:
Co-ordinator, Health Programs
School of Continuing Education Division
Centennial College of Applied Arts and Technology
P.O. Box 631, Station A
Scarborough, Ontario M1K 5E9
Tel.: (416) 694-3241, Ext. 3577

La Cité collégiale
For information on distance learning opportunities at La Cité collégiale, contact:
Admissions and Registrar's Office
La Cité collégiale

2465 St-Laurent Boulevard
Ottawa, Ontario
(613) 786 2400
1-800-267-2483
Fax: (613) 786-2326

Conestoga
Conestoga offers several non-credit courses, a preparatory home-study program and some specific courses in the registered nurse-refresher program and registered nurse critical care program. Instructor support is available by telephone and written correspondence. In some courses, you have the opportunity to attend optional workshops where you can meet instructors and other students. For further information, contact:
Conestoga College of Applied Arts and Technology
Continuing Education
299 Doon Valley Dr.
Kitchener, Ontario
N2G 4M4
(519) 748-5220, ext. 326, 414

Confederation
If you live in northwestern Ontario, you may enrol in individual subjects or earn a college certificate or diploma to suit your personal schedule. Participating communities have learning centres, open 12 to 24 hours daily, where scheduled group tutorial sessions with instructors are held.

You may earn certificates in the following:
- ambulance and emergency care
- core business
- critical care nursing
- developmental services worker
- early childhood education
- home support level II
- hotel operations
- multidisciplinary gerontology
- RNA refresher
- working with the aged – postcertificate.

You may earn diplomas in the following:
- general business
- business accounting
- business administration
- general vocational preparation.

- For further information, contact:

Supervisor, Distance Education
Curriculum Development/Distance Education Department
Confederation College of Applied Arts and Technology
P.O. Box 398
Thunder Bay, Ontario P7C 4W1
(807) 475-6346
Toll-free: 1-800-465-5005

Fanshawe College
Courses are offered in affiliation with the Institute of Municipal Assessors of Ontario, the Ontario Association of Certified Engineering Technicians and Technologists (if you would like to meet the technician or technologist certification requirements). You can also study at home for a range of mathematics or other technical courses, with some tests to be written at the college. For further information, contact:
Distance Learning Department
Fanshawe College of Applied Arts and Technology
P.O. Box 4005
London, Ontario N5W 5H1
(519) 452-4439

Humber
You may take early childhood distance education programs if you live in an area where they are unavailable. Occupation safety/hygiene and telecommunications courses are also offered. For further information, contact:
Continuous Learning
Humber College of Applied Arts and Technology
Box 1900
Rexdale, Ontario M9W 5L7
(416) 675-5000

Northern
Northern's Kapuskasing campus offers a two-year business administration diploma (two courses are offered in French). You may select courses from the General Business Administration program, or you may concentrate on the Travel and Tourism option. For further information, contact:
Centre for Independent Learning and Correspondence Courses
Kapuskasing Campus
Northern College of Applied Arts and Technology
3 Aurora Avenue
Kapuskasing, Ontario P5N 1J2
(705) 335-8504, ext. 9

St. Lawrence
At St. Lawrence College, Kingston, courses are offered in:
- family home day care (15 weeks)
- municipal administration
- tax administration
- municipal counsellors
- animal nutrition
- laboratory animal worker (3 years, part-time)

For further information, contact:
Registrar
St. Lawrence College of Applied Arts and Technology
King and Portsmouth
Kingston, Ontario K7L 5A6
(613) 544-5400

St. Lawrence College, Brockville, offers a diploma program in registered nurse - occupational health nursing. This program consists of seven courses available through correspondence and a field work assignment that can be completed at your location. For further information, contact:
St. Lawrence College of Applied Arts and Technology
2288 Parkedale
Brockville, Ontario K6V 5X3
(613) 345-0660

Sault
A variety of programs are offered through independent study and audio and video teleconferencing. Programs available include:
- multidisciplinary gerontology
- pulp and papermaking operations
- teachers of adults
- environmental engineering technology
- R.N. critical care
- R.N.A. refresher course.

For further information, contact:
Sault College of Applied Arts and Technology
P.O. Box 60
Sault Ste. Marie, Ontario P6A 5L3
(705) 759-6774, ext. 612

Seneca
Seneca's Continuing Education Division offers a building environmental-systems course through correspondence study. This course, which covers subjects such as pipe systems and water treatment, is designed for people who service large office and/or apartment building complexes. For further information, contact:
Seneca College of Applied Arts and Technology
1750 Finch Avenue East
Willowdale, Ontario M2J 2X5
(416) 493-4144

Sheridan
Sheridan presents videoconferences and teleconferences on campus and on site in industry. For further information, contact:
Distance Education and Teleconference Office
Sheridan College of Applied Arts and Technology
1430 Trafalgar Road
Oakville, Ontario L6H 2L1
(416) 849-2870

Universities

Carleton
Carleton offers degree credit courses through television (ITV) over local cable channel 15. These courses resemble on-campus courses in content and requirements and are drawn from the faculties of arts, social science, science, and architecture. They are carefully selected to provide a range of disciplines that could be accredited to several certificates and degree programs. However, it is difficult to obtain a degree through enrolment only in ITV courses. Enrolment is open to anyone holding the necessary course prerequisite and is not contingent upon admission to a degree program.

Every effort is made to make distance study available in other centres. Outlying cablevision companies carry selected ITV courses, and for students who live outside the areas receiving the cablevision signal, videotapes of courses can be sent to groups of students prepared to register. Enrolment and the return of completed assignments in ITV courses can be conducted through the mail. Although students are asked to come to campus for final examinations, alternative arrangements can be made for special cases.

An adviser is available for telephone consultation to help distance education students with course-related concerns.

Courses begin in September, January, and May. Enrolment deadlines, academic regulations, and fees are published in the Carleton University calendar.

For further information, contact:
School of Continuing Education
Carleton University
Ottawa, Ontario K1S 5B6
(613) 788-3500

Guelph

Guelph's School of Continuing Education consists of five divisions: general studies, continuing education, independent study, distance education, and international training.

The Distance Education Division facilitates the delivery of several degree-credit courses to students who typically live off-campus. The division is the focal point of this activity, providing information, student support, course preparation, and administration. The correspondence courses available at the degree level include agricultural economics, child studies, consumer studies, English, extension education, family studies, geology, basic French, interdisciplinary physical science, organic chemistry, pathology, precalculus mathematics, nutrition, philosophy, political studies, psychology, and statistics. Although an entire degree is not available through correspondence, students are able to benefit by taking courses from some of the unique departments of this university.

The Independent Study Division, with the support of the Ontario Ministry of Agriculture and Food, offers courses through correspondence in agriculture and horticulture. Several agriculture courses in French are available through Independent Study's Teleformation department. These are diploma-level courses, as well. Stand-alone education videotapes are also provided by the division.

The professional development program is related to the academic interests and research scope of the university. Certificate programs include French as a second language, personnel administration, human resources management, communication, managing people at work, and child care administration.

The International Education Service Division provides short, intensive training programs for international students and agencies in both on-campus and off-campus locations.

The General Studies Division is responsible for administering the general studies program, which allows mature students to take degree credit courses on a full- or part-time basis. This division works closely with the colleges to develop and promote evening programs of study.

The Continuing Education Division of the school provides non-traditional learning opportunities for those who are not interested in pursuing degree studies and who have particular educational objectives. Courses and programs cover a broad spectrum of learning needs. Generally, and with the exception of the certificate programs, continuing education courses have no entrance requirements, prerequisites, or examinations.

The community education program is designed primarily for adult learners in the Guelph area and surrounding communities. Opportunities are afforded for adult learners to pursue leisure interests, improve skills, broaden understanding and awareness, meet other adults with similar interests, and generally to use and enjoy their university.

For further information, contact:
School of Continuing Education
Room 142, Johnston Hall
University of Guelph
Guelph, Ontario N1G 2W1
(519) 824-1330

Lakehead

Lakehead's distance education program is designed to meet the needs of students in the region who are unable to attend classes on-campus or at one of Lakehead's off-campus locations. Students receive a learning package consisting of audio or video cassettes with accompanying notes, guides, and visual aids. In addition, courses are supported by audio teleconferencing, telephone tutorials, or group seminars. Students requiring playback equipment for audio, video, or computer programs are able to use learning centres at access sites in communities across the northwest.

Lakehead offers degree credit courses in the arts and sciences. Off-campus courses are offered during the spring and summer sessions at centres throughout northwestern Ontario. Students who wish to take correspondence or off-campus courses from Lakehead University must meet general admission requirements.

Tuition fees for distance education courses (1991-92): Undergraduate part-time students (Canadian citizens and landed-immigrants): full course $361, half course $185; part-time students on student authorizations: full course $1340, half course $673.

A $40 refundable deposit is required for the audio-visual materials, payable at the time of registration. This deposit will be fully refunded when the Distance Education office receives the materials from the student (in the condition in which they were delivered to the student).

Canadian citizens and landed immigrants who have reached their 60th birthday are invited to enrol in credit courses with no tuition or activity fee.

Distance Education
Lakehead University
Thunder Bay, Ontario P7B 5E1
(807) 343-8210
Toll-free (Ont., Man., and Sask.):
1-800-465-3959

Laurentian

Laurentian's distance education program, Envision, offers over 200 courses, including correspondence, television (on TVOntario and/or Mid-Canada Communications), video cassettes in many learning centres, and teleconferencing, and more are planned. The distance education courses are all credit courses counting toward a university degree. Manuals outline the course requirements and assignments.

Students may complete entire degree programs in arts (B.A.), Native social work, and nursing (post-R.N. B.Sc.N.). In the arts degree, concentrations are available in law and justice, psychology, religious studies, and sociology. Nursing courses within the B.Sc.N. program are open only to admitted registered nurses, but biology and chemistry courses may be taken by any student. Certificates in law and justice and family life studies and human sexuality are also available entirely through distance education.

Students who wish to take correspondence or television courses from Laurentian must first obtain general admission to the university. The university waives tuition fees for senior citizens (60 years of age or over) enrolling in credit courses. Distance education courses generally involve readings and regular assignments throughout the term. Senate regulations stipulate that at least 25% of the final mark is to be determined by supervised examinations that include a mandatory final evaluation upon completion of the course. Examiners are provided by the university, and every effort is made to see that students do not have to travel long distances to reach an examination centre. The university, cannot, however, guarantee that this will always be the case for each individual. Teleconferencing courses bring together students at several locations at the same time, using regular telephone lines.

Tuition fee per six-credit course is $354, plus incidental fees of $12 per course and instruction fees of $28 per course for television and correspondence courses.

In addition, the government has also made available monies for the development of distance education programs such as the B.Com. and B.A. in psychology in French.

Laurentian offers first-year courses in a number of programs, in English and in French, at Northern College in Timmins, both on-campus and via distance education.

The Government of Ontario has announced a Northern Ontario distance education access network, Contact North/Contact Nord, to broaden the number of educational opportunities at secondary and postsecondary level to the residents of the North. The network includes teleconferencing facilities, microcomputers, video playback equipment, and information libraries at the following Northern Ontario communities:
Atikokan, Chapleau, Dryden, Elliot Lake, Espanola, Fort Frances, Geraldton, Hearst, Hornepayne, Iroquois Falls, Kapuskasing, Kenora, Kirkland Lake, Manitoulin Island (West Bay), Marathon, Mattawa, Moosonee, Nelville, North Bay, Red Lake, Sault Ste. Marie, Sioux Lookout, Sturgeon Falls, Sudbury, Thunder Bay, Timmins, and Wawa.

For further information, contact:
Centre for Continuing Education
Laurentian University
Sudbury, Ontario P3E 2C6
(705) 675-1151, ext. 3930

For further information, contact:
Office of Admissions
Laurentian University
Sudbury, Ontario P3E 2C6
(705) 675-1151, ext. 3915
Toll free: 1-800-461-4030

McMaster
McMaster's Centre for Continuing Education offers correspondence courses in human services (certificate) and addictions studies (diploma). The addictions studies program is intended to develop knowledge and skills useful in working with addicted people. No correspondence programs leading to a degree are offered at McMaster University. The human services certificate is designed to help develop knowledge and skills in the human services field. A number of specializations are available. Fees for the 1990-91 academic year are $160 per course. Persons aged 65 and over may register without payment of a fee. It is recommended that students take no more than two full subjects in one study period. Students may register at any time during the year.

For further information, contact:
Human Services Program Co-ordinator
Centre for Continuing Education
Commons Building, Room 116
McMaster University
Hamilton, Ontario L8S 4K1
(416) 525-9140, ext. 3328

Queen's
Each Queen's correspondence course counts as a credit toward a degree in the same way as does the equivalent course given on campus. It is possible to complete the 15 courses required for a three-year Bachelor of Arts degree, with a minor concentration in German, politics, or psychology, entirely through correspondence study. However, not all courses required for all concentrations are offered by correspondence; therefore, it will be necessary in some instances for a student to attend classes on campus to complete the degree requirements.

Each correspondence course is based on a study guide consisting of (1) an introduction giving students pertinent information concerning textbooks, materials, and a general outline of the course, and (2) a series of lessons, varying in number according to the course, which must be completed and returned for correction and grading in the appropriate academic department. Correspondence courses require a final examination; some also require progress tests.

Admission requirements to the correspondence program are the same as the regular admission requirements for the university. Students are urged to register in correspondence courses by September 1, although registrations will be accepted up to September 10. The Division of Part-Time Studies cannot guarantee that registrations accepted after September 1 will be cleared in sufficient time for the student to receive the course outline, order books, and then begin the course on schedule. Only one correspondence course may be taken by students who have not previously completed university courses.

Tuition fees ($332 per correspondence course) cover registration, lectures, laboratories, use of the libraries, grading of examinations, the final examination, and telephone privileges. Fees are waived for all persons 65 and over who register for credit courses.

For further information, contact:
Admissions Officer
Part-Time Studies
Queen's University
Kingston, Ontario K7L 3N6
(613) 545-2218

Ryerson
Open College, the educational service of radio station CJRT-FM, 91.1, offers students convenient alternatives to classroom study. Students may take courses by radio, audio cassette, or correspondence.

A tutor is assigned to help students with the course material. Weekend seminars are conducted at Ryerson during each course. These sessions give students a chance to talk with instructors, tutors, and other students. Course assignments are mailed in to Open College, and mid-term and final examinations are written at Ryerson.

Two certificate programs at Ryerson, gerontology and public administration, are offered at a distance by Open College. Many Open College courses are accepted for credit at Atkinson College, York University.

Other universities may accept Open College courses for degree credit. Students are advised to contact the university in which they are enrolled to see if credit will be granted before registering in an Open College course.

For further information contact:
Open College/Ryerson
297 Victoria St.
Toronto, Ontario M5B 1W1
(416) 595-0485

Waterloo
Undergraduate degrees in arts, environmental studies, and science can be obtained completely by correspondence from Waterloo. Special pre-university courses are also available. Correspondence courses use printed course notes, audiotape cassettes, textbooks, and in many cases visual materials such as videotapes and 35mm slides. These, together with assigned problems prepared by the professor, form a complete learning package for self-directed study.

Most of Waterloo's correspondence courses are one-term half-credit courses. Students generally take one or two half-credit courses per term, although they may take from one to a maximum of five half-credit courses per term.

There are no strict limits on the time that may be taken to complete a degree on a part-time basis. However, regulations vary from faculty to faculty, and students should consult their undergraduate adviser. Students earning degrees on a part-time basis will be treated in the same manner as full-time students: no student will be allowed an indefinite number of failures while accumulating the course credits required for a degree.

Normally, Waterloo's correspondence courses are not available to people with mailing addresses outside Canada and the continental United States.

Tuition fees are $199 for each half-credit course. Other expenses include refundable deposits on various course components (e.g., videotapes) and textbook costs.

- *Credits toward degrees*

Unless otherwise stated, all of the following may be taken entirely by correspondance, or as a combination of correspondance, regular, and summer courses.

- Faculty of Arts

General non-major B.A. degree; general B.A. with a major in classical studies, economics, English, geography, history, philosophy, psychology, religious studies, social development studies, or sociology. Each degree requires 30 term courses, the equivalent of a three-year degree when taken full-time on campus.

A four-year general B.A. in history is also available, as well as an honours B.A. in classical studies and an honours B.A. in English. Each of these degrees requires 40 term courses, the equivalent of a four-year degree when taken full-time on campus.

Correspondance students are required to pass the English Language Proficiency Examination, which is written after completion of 15 of the 30 term courses required for a general Bachelor of Arts degree.

- Faculty of Environmental Studies

Bachelor of Environmental Studies (Geography) requires 30 term courses, the equivalent of a three-year degree when taken full-time on campus.

- Faculty of Science

Bachelor of Science (General, non-major) requires 30 half credits, of which at least 15 must be science half credits, the equivalent of a three-year program when taken full-time on campus. An honours non-specialized B.Sc. is offered under certain conditions.

- Pre-university courses

The University of Waterloo offers special pre-university, non-credit courses in chemistry, French, mathematics, and physics. These courses will be of interest to people who need background for university credits in these or related subjects. They are not intended to replace the courses offered in the secondary schools, but are designed for people who would find it difficult to go back to the secondary school setting. Each course covers the

material considered essential for the related first-year university course. There are no admission requirements for these courses; they are open to everyone. Students are advised to check with the appropriate admissions officer to determine if grades in these courses can be used for admissions purposes.

Tuition is $185 for each of the chemistry, French, and physics courses. Registrants in the French course must submit a $40 fee for the audio tapes. This fee is refunded if the tapes are returned within 10 months of registering for the course. Tuition is $85 for each of the mathematics courses. This includes the audio tapes, notes, and the administering of the final examination. The cost of texts is extra.

For further information contact:
Correspondance Office
University of Waterloo
Waterloo, Ontario N2L 3G1
(519) 888-4050

Western
Western offers mediated learning (correspondence and computer conference) courses in arts, science, and social sciences during the winter and summer sessions.

To be eligible for a mediated learning course at Western, students must be admitted to Western or have a letter of permission from another university. Summer mediated learning students must also have successfully completed at least one other university-level course. Mediated learning courses are open to residents of Canada and, during the fall-winter session only, to Canadian citizens living abroad.

Students may take ten of the courses required for a B.A. by mediated learning; the remainder must be completed either on campus or at an off-campus centre. Students may take a maximum of one full course (or equivalent) by mediated learning during the summer session and two full courses (or equivalent) during the fall-winter session, subject to the regulations governing maximum course loads.

Students registered at other universities may request permission to take mediated learning courses at the University of Western Ontario for transfer of credit toward their home university. Students who wish to take courses in this manner must obtain a letter of permission naming the specific courses from the registrar of their university.

The part-time tuition fee for all mediated-learning and off-campus credit courses is approximately $372, payable at the time of registration.

For further information, contact:
Mediated Learning Supervisor
Faculty of Part-Time and
Continuing Education
University of Western Ontario
London, Ontario N6A 5B8
(519) 661-3982

For students who wish to take mediated learning courses, but who have not previously attended Western, application forms are available from:
Department of Admissions and
Academic Records
Stevenson-Lawson Building
University of Western Ontario
London, Ontario N6A 5B8
(519) 661-2150

Wilfrid Laurier
Wilfrid Laurier's Telecollege university degree credit courses can be completed by television or in designated communities by teleconferencing. Part of a Telecollege course is a series of half-hour or hour-long lectures on television or two hours by teleconference. Other parts of the program include a textbook, study guide, resource binder, and in some cases audio cassettes.

Instructors co-ordinating Telecollege courses are available during specified office hours to answer questions about the course. Most courses are supplemented through the use of teleconferencing in off-campus locations.

Information on tuition, study kit costs, broadcast availability, and air times for television courses, as well as other details, are outlined in the part-time studies calendar, or available by calling (519) 884-1970, ext. 4447 – ask for Telecollege.

For further information, contact:
The Office of Part-Time Studies
and Continuing Education
75 University Avenue West
Waterloo, Ontario N2L 3C5

Windsor
Windsor offers degree credit courses in the B.A. and B. Com. programs through distance education. It is developing a distance B. Com. program with a concentration in accounting for the Society of Management Accountants of Ontario. Distance education courses include print materials, texts, and telephone contact with the instructor, and may include audio tapes and video programs.

For further information, please contact:
Assistant Director
Division of Continuing Education
University of Windsor
Windsor, Ontario N9B 3P4
(519) 973-7079

York University
Each year the Faculty of Glendon College, York University, offers several distance education course in co-operation with Contact North. These course include weekly television broadcasts with TVOntario and teleconferences with Contact North.

For further information contact the Glendon Liaison Office, 2275 Bayview Avenue, Toronto, Ontario, M4N 3M6. Telephone (416) 487-6710.

Facilities for Students with Disabilities

General Information
Some postsecondary institutions have more complete facilities than others, but all are willing to make arrangements where possible for students with disabilities. The person you should contact for information is the institution's special needs co-ordinator or counsellor, who will be able to give you details about residence, recreation, and study facilities at the college or university.

Print-Handicapped Students Attending Postsecondary Institutions
The Resource Services Library of the W. Ross MacDonald School in Brantford, Ontario, is the co-ordinating agency for providing tape and braille materials to Ontario print-handicapped students who are registered in courses at publicly supported postsecondary institutions or approved registered private vocational school programs. Every postsecondary institution has an appointed contact person who will assist print-handicapped students and help them secure the required texts and other material. For further information, contact the Resource Services Library, W. Ross MacDonald School, by telephoning (519) 759-0730.

Colleges of Applied Arts and Technology
Algonquin
Algonquin is committed to integrating students with disabilities into all facets of academic life and is improving accessibility to its campuses. The Special Needs Department provides educational support services to eligible students with disabilities who apply to or attend Algonquin College. Its philosophy is to assist students with disabilites to become sucessful and independent learners by designing an individualized student plan. The following services are available: psycho-educational assessment, technical aids, physical accommodations, modification of evaluation procedures, access to the Special Needs Educational Support Centre, and sign-language interpretation.

Incoming students should identify themselves. Additional documentation to support an applicant's qualification is reviewed by a multidisciplinary team to ensure a fair appraisal of the applicant's abilities. Students who have learning difficulties may either refer themselves to the Special Needs Department or be referred by faculty or staff. For more information, contact:
Co-ordinator, Centre for Students
with Disabilites
Algonquin College of Applied Arts
and Technology
Woodroffe Avenue
Nepean, Ontario K2G 1V8
(613) 727-7683 (voice)
Toll-free: 1-800-267-7061, ext. 7683
TDD: (613) 727-7747

Cambrian
Cambrian's Barrydowne campus is completely accessible to students with disabilities. Parking is available close to the main entrance for physically disabled students who drive themselves to and from the college. For others, a drop-off and pick-up spot is located next to the main door. Arrangements can be made for the use of an elevator key. Two of the three elevators are keyed. A room is available for overnight charging of wheelchair batteries and for storing books and outdoor clothing. Telephones for wheelchair students are located throughout the building. There is a TDD available in the Special Needs Office, as well as a Kurzweil Personal Reader for visually impaired and the learning disabled.

The Association for Disabled Students (ADS), provides opportunities for students to meet and share concerns, plan activities and projects, and liaise with the rest of the college on matters pertaining to students with disabilities.

Physical-demands analyses have been done for each college program and are readily available to individuals and agencies through the OACIS computer program in the counselling office. A city-operated handi-transit system provides transportation to and from the campus. The college has established a centre for students with disabilities and permits the use of seeing-eye dogs for blind students. Special programs are provided for severely disabled adults who wish to pursue future employment and/or postsecondary education.

A variety of technical aids and accommodations is available, including alternative testing, notetakers, an FM system, large-print and voice computers, and taped textbooks; students should consult the special needs co-ordinator. For more information contact:
Special Needs Co-ordinator
Room 2245
Cambrian College of Applied Arts
and Technology
1400 Barrydowne Road
Sudbury, Ontario P3A 3V8
(705) 566-8101, ext. 7793 or 7420

Canadore
Facilities at the College Drive campus are fully accessible to all, with designated parking areas for the physically handicapped, electronic doors and elevators for wheelchair access, specially equipped washrooms, and telephones adapted for the hearing impaired and accessible at wheelchair level. Canadore also provides access to a wide variety of videotape and interactive disk materials. Tutoring sessions and a volunteer notetaking service are also available. Additional exam time or, if required, alternative exam methods can be arranged.

Counsellors are available to discuss the physical and learning demands of programs, to provide a thorough assessment of learning needs, and to help adapt programs to individual capabilities. The counselling staff has extensive contacts with social service agencies such as Vocational Rehabilitation, the Workers' Compensation Board, and the Canadian National Institute for the Blind for quick and appropriate referrals when needed.

The Head Start program provides a head start for the exceptional student before beginning study in the program of his or her choice. Head Start includes orientation, an assessment of learning skills, and the provision of support services as determined by staff and student. For more information contact:
Special Needs Co-ordinator
Canadore College of Applied Arts
and Technology
100 College Drive
North Bay, Ontario P1B 8K9
(705) 474-7600, ext. 213
Toll-free: 1-800-461-7340
TDD: (705) 495-2862

Centennial
At Centennial, counsellors at each campus provide career, academic, and personal counselling for students with special needs. All college buildings are accessible and have at least one accessible washroom per floor. As well, there are specially designated parking spaces for those who require them. For more information contact:
Special Needs Consultant
Centennial College of Applied Arts
and Technology
P.O. Box 631, Station A
Scarborough, Ontario M1K 5E9
(416) 694-3241, ext. 3279

La Cité collégiale
The Special Needs Co-ordinator at La Cité collégiale co-ordinates service to students who identify their disabilities. Following individual consultation and assessment, students participate in developing a personalized plan aimed at facilitating their full integration into the student community. Applicants are invited to contact La Cité collégiale early in the registration process for information regarding the possible accommodation of their individual needs. For further information contact:
La Cité collégiale
Special Needs Co-ordinator
2465 Saint-Laurent Boulevard
Ottawa, Ontario
(613) 786-2492
Toll-free 1-800-267-2483
Fax: (613) 786-2326

Confederation
Confederation's facilities for students with disabilities include reserved parking spaces, ramps, special washrooms, and service elevators for access to the cafeteria and the above-ground floors. The college's residence and fitness centre are designed to accommodate the physically disabled.

Special services and equipment may be arranged according to individual requests. Academic, personal, and career counselling is available through the Special Needs Counsellor. Learning needs are assessed and appropriate programs are planned, implemented, and evaluated. Reasonable accommodations can be arranged. Adaptive devices are available for student use, and examination or testing assistance and/or supervision can be arranged. Prospective students are urged to inform the supervisor, as early as possible, of their intention to attend Confederation. For more information contact:
Supervisor, Learning Assistance Centre
Confederation College of Applied Arts
and Technology
P.O. Box 398
Thunder Bay, Ontario P7C 4W1
(807) 475-6110
Ontario, Manitoba, and Saskatchewan
residents call toll-free: 1-800-465-5005

Durham
Durham's special needs resource person will work with each student to determine how individual needs can be met. Prospective students are encouraged to contact the special needs office as early as possible concerning their intention to attend Durham College. Academic and other accommodations can then be arranged before classes start.

The college has made every attempt to ensure that its facilites are accessible. Reserved parking, ramps, stairlifts, elevators, accessible washrooms, electronic doors, visual aids, volume-controlled phones, and FM hearing systems in the lecture theatres are just some of the facilities available.

Medical services (health nurses and a doctor one afternoon a week) are available to all students, and a rest area is provided by Health Services. Peer tutors, notetakers, and readers can be accessed as needed; supportive counselling and advocacy is available on an ongoing basis. Students may access word processors, and the computer-assisted learning centre provides hardware and software suited to individual needs.

Questions or concerns about the learning and/or physical demands of any of Durham's programs should be directed to:
REACH (Resources for Academic
Challenges) Program
Durham College of Applied Arts and
Technology
2000 Simcoe St. N., Box 385
Oshawa, Ontario L1H 7L7
(416) 576-0210, ext. 364
Toll-free: 1-800-666-5843

Fanshawe
Fanshawe's main campus is accessible to mobility-impaired students, and special parking spaces close to the buildings can be reserved for those who inform the Parking Office of their needs. Five elevators are strategically located to help students move from floor to floor, and most of the washrooms are accessible. The city provides Para-Transit transportation to persons with mobility problems.

The Student Services Department, including Health Services, offers counselling and health-related services to all students. In addition, educational support is available from the English and math learning centres and

the peer tutoring program. Applicants with disabilities are invited to identify themselves early in the application process so that their accomodation requirements can be evaluated. The Special Needs Office of the Student Services Department co-ordinates this service, which includes arranging interviews and campus tours, facilitating access to the college's expanding inventory of educational assistive devices, and providing a peer assistance program for students who require more extensive aid such as notetaking or personal care. For further information, contact the:
Special Needs Co-ordinator
Student Services Department
Room A2010
Fanshawe College of Applied Arts and Technology
1460 Oxford Street East
London, Ontario N5V 1W2
(519) 452-4282

George Brown
Most buildings are equipped with ramps, elevators, and special washrooms for students with disabilities. Accessible parking can be arranged. Wheelchair-accessible, TTY, and volume-controlled telephones are available on all campuses.

Notetakers, taped or brailled materials, and peer attendants can be provided for students with visual or other disabilities. Visual Teks and magnifiers are available in the library. Computer access is provided through screens with enlarged print and speech, spell-checking systems, and braille output. Students may borrow a few two- and four-track cassette recorders and portable phonetic spell checkers for trial periods.

A specialist in learning disabilities is on staff to meet with students to develop strategies and accommodations. A three-day orientation to college is provided for Grades 11 and 12 students with learning disabilities. Computerized reading and spelling remediation is also offered.

Early self-identification of special needs is important to ensure the best quality of service. For further information, contact:
Information Officer
Services for Students With Special Needs
Educational Access Services
George Brown College
P.O. Box 1015, Station B
Toronto, Ontario M5T 2T9
(416) 944-4466

George Brown also offers two unique programs for deaf and hard-of-hearing students. The college preparation program (CPP) is 34 weeks long and is designed for students who are not yet academically ready for a college-level program or are unsure about the college program that would be most suitable for them. It is set up to provide some flexibility for the students, and the courses offered provide an academic and life skill focus. The educational access service college orientation (EASCO) is a one-week program to ease the transition into college and city life. Services for deaf and hard-of-hearing students can provide modified schedules and a variety of services, such as oral transliterating, sign-language interpreting, notetaking, counselling (by a deaf person), tutoring, and pre-teaching. Our staff consists of deaf and hearing professionals, one of whom is a speech therapist. For the deaf and hard-of-hearing student services, contact:
Services for the Deaf and Hard-of-Hearing Students
George Brown College
P.O. Box 1015, Station B
Toronto, Ontario M5T 2T9
TTY: 1-416-944-4469
Bell relay service: 1-800-267-6600

Georgian
Georgian College provides most special equipment and services upon individual request. Four buildings have ground-level accessibility, and the College Services Building has an elevator and special washroom facilities. Once students are admitted to a Georgian College program, every effort is made to accommodate their individual needs. The college recognizes that some students may require specialized assistance. To receive such assistance, students should contact the college's special needs co-ordinator in the Student Services Department. Questions or concerns about the physical or learning demands of a program should be directed to the campus the student plans to attend. Contact the special needs co-ordinators at any one of Georgian's three main campuses:
One Georgian Dr.
Barrie, Ontario L4M 3X9
(705) 728-1951
Toll-free: 1-800-461-9696
or
825 Memorial Avenue
P.O. Box 2316
Orillia, Ontario L3V 6S2
(705) 325-2705
or
1150 8th Street East
P.O. Box 700
Owen Sound, Ontario N4K 5R4
(519) 376-0682

Humber
Humber's North Campus is equipped with ramps, reserved parking spaces, a drop-off location, modified washrooms, and an elevator, making it accessible to wheelchair students. The Lakeshore Campus is accessible and equipped with an elevator to the second floor, and modified washrooms are available. The Osler and Keelesdale campuses have entrance ramps and converted washrooms, and Keelesdale has a reserved parking space. At the Lakeshore and North campuses, a front-end assessment process has been established for applicants who self-identify disabilities. This includes an analysis of a program's physical demands and of the functional capabilities of individuals. Following this analysis, the possibilities of a match between student and program are discussed by an admissions committee. At this stage, the aids and devices that could supplement the student's functional capabilities are also investigated as part of the admissions process. For more information contact:
Director of Admissions
Humber College of Applied Arts and Technology
3999 Lakeshore Blvd. West
Toronto, Ontario M8V 1K8
(416) 252-5571
or
Associate Registrar
North Campus
Humber College of Applied Arts and Technology
205 Humber College Blvd.
P.O. Box 1900
Etobicoke, Ontario M9W 5L7

Lambton
Lambton's campus is equipped with ramps, elevators, automatic doors, special telephones and drinking fountains, and modified washrooms. Reserved parking spaces and an on-campus residence that can accommodate students with disabilities are also available. In addition, Lambton has developed special learning resources material in certain fields. College staff help students who require tapes and readers to locate various sources of information. For more information contact:
Special Needs Office
Counselling Services
Lambton College of Applied Arts and Technology
P.O. Box 969
Sarnia, Ontario N7T 7K4
(519) 542-7751 ext. 295

Loyalist
Loyalist is accessible to students with disabilities. Physical accommodations include preferential parking, automatic door openers at main entrances, ramps, and a key-activated elevator. The college has a full-time co-ordinator of special needs. Support services offer a wide range of technical devices to meet the needs of a variety of groups, including the hearing-impaired, low-vision/blind, mobility-impaired, and learning-disabled. A Computer Resource Centre is available for students with disabilities to receive academic support and tutoring; counselling, advocacy, and job placement services round out a comprehensive program for students with disabilities.

Students are encouraged to identify special needs when they are admitted, so that support services can be established before classes begin. A one-week summer orientation program for students with disabilities is available to help them become familiar with the resources available at the college. For more information contact:
Co-ordinator of Special Needs
Loyalist College of Applied Arts and Technology
P.O. Box 4200
Belleville, Ontario K8N 5B9
(613) 969-1913

Mohawk
Most of the buildings at Mohawk are accessible and equipped with ramps, a large elevator, and special washrooms. Residence facilities are not available, but housing assistance is provided by the College Housing Office. Priority in parking is given to students with disabilities. For more information contact:
Office of Special Needs
Mohawk College of Applied Arts
and Technology
P.O. Box 2034
Hamilton, Ontario L8N 3T2
(416) 575-2331

Niagara
Niagara has a Special Needs Office staffed by a counsellor and an assistant. Services to students with disabilities can be provided after individual consultation with, and assessment by, the special needs counsellor. Niagara is retrofitting its physical facilities wherever possible; special parking, ramps, and special washrooms are now in place. Students with disabilities should contact the Special Needs Office as soon as possible so that their needs can be addressed immediately. For more information contact:
Special Needs Counsellor
Niagara College of Applied Arts
and Technology
Woodlawn Rd., P.O. Box 1005
Welland, Ontario L3B 5S2
(416) 735-2211 ext. 589

Northern
Students with disabilities are frequently accommodated at Northern on an individual basis. Instructors, in co-operation with the dean and special needs adviser, attempt to revise or alter teaching and testing methods to suit the student. Students are encouraged to identify their exceptionality on their application forms. The prime responsibility for identifying needs lies with students.

Northern's Porcupine (Timmins) Campus is equipped with two elevator lifts for easy access to the gymnasium and technical wing, automatic doors, ramps, accessible washrooms, and computer facilities in the main library. Readers and tutors are available, as are oral testing and exams, and the library is fully accessible to wheelchairs.

Residence facilities are not available, but the adviser works with sponsoring agencies to provide special equipment and services. Parking facilities are available. The Kapuskasing Campus also provides accessible washroom facilities, parking and ramps for people with disabilities. The Kirkland Lake Campus can also accommodate students with disabilities, but the Haileybury Campus and the James Bay Education Centre have no special facilities. For more information, contact:
Special Needs Adviser, Student Services
Northern College of Applied Arts
and Technology
Highway 101, P.O. Box 2002
South Porcupine, Ontario P0N 1H0
(705) 235-3211
TDD: (705) 235-7280

St. Clair
Individuals with disabilities are encouraged to contact Richard Evans, manager of special needs services, to discuss the physical and academic demands of programs and the adaptations that can be made to assist students. Those who may require special assistance should inform the Special Needs Services office as soon as possible. Some types of accommodation require significant lead-time to implement.

The campuses of the college are equipped with ramps, elevators, accessible washrooms, amplified pay telephones for the hearing impaired, automatic doors, and other accommodations for students with disabilities. In addition, health services and counselling services are available for all students.

Tutors, notetakers, taped texts, and other services are available for students who have an identified and proven need. Designated parking spaces are available at all campus locations; however, persons using these places must have either a wheelchair logo on their license plates or a municipally issued parking permit displayed on the dashboard of their cars.

Speech- and hearing-impaired persons can contact St. Clair by telephone. Anyone who has a teletype (TTY) or telephone device for the deaf (TDD) can call (519) 966-0053 from 8:30 a.m. to 10 p.m.

The physically disabled and those unable to board city buses may take advantage of Handi-Transit Buslines. The service must be reserved two weeks in advance for curb-to-curb transportation at the rate of $1.25 each way; for further information, please contact:
Handi-Transit Buslines
3737 Walker Road
Windsor, Ontario N8W 3S9
(519) 966-0930

For more information contact:
Manager, Special Needs Services
St. Clair College of Applied Arts
and Technology
Windsor, Ontario N9A 6S4
(519) 972-2723

St. Lawrence
Students with disabilities are encouraged to contact Student and Campus Services at the Brockville, Cornwall, or Kingston campuses for information and assistance. Students will need to know the physical demands of a chosen program and the adaptations that can be made for visual, hearing, or mobility impairments, learning disabilities, developmental handicaps, or other special needs.

If students need taped material, they should inform the staff when receiving confirmation of acceptance, so that the materials will be ready when classes begin. Students are expected to complete the requirements of a chosen program; the final responsibility for successful adaptation is theirs. Some modifications in testing and teaching/learning methods will be undertaken, if feasible and appropriate, after consultation with college staff.

All campuses are equipped to provide basic services for the students with disabilities, including washrooms, telephones, ramps, automatic doors for wheelchair and mobility impaired individuals, movable desks, and reserved parking areas.

The Kingston Learning Resource Centre has some large-print books. Brockville has a visualtek located in the library, a visualtek DP-11 in the computer lab, and a portable visual ear. Cassette recorders and study carrels are available on the three campuses. All campuses offer sign language courses to interested students.

Sault
Sault features ramped and curb-cut entrances, modified washrooms, and elevator access for those who have difficulty negotiating stairs. Equipment loans can be arranged for student use: microcassette and four-track recorders, speller/thesaurus devices, and computer software and technical aid. Supports are also available through tutors, notetakers, readers, and test aids. For more information contact:
Registrar's Office
Sault College of Applied Arts
and Technology
P.O. Box 60
Sault Ste. Marie, Ontario P6A 5L3
(705) 949-2050, ext. 700 or
Counselling, ext. 703
Toll-free: 1-800-461-2265 Brock

Seneca College
Students with disabilities should contact the Special Needs Office as soon as possible if they will require assistance. A comprehensive range of academic support services, learning aids, and reasonable accommodations and/or program modifications can be arranged to accommodate individual student needs. Seneca's numerous campuses offer varying degrees of physical accessibility to mobility and sensory-impaired students, including modified washroom and locker facilities, ramps, reserved parking spaces, and modified telephones. For more information contact:
Special Needs Office
Seneca College of Applied Arts
and Technology
Newham Campus
1750 Finch Avenue East
North York, Ontario M2J 2X5
(416) 491-5050 (voice)
TDD: 491-0468

Sheridan College
Sheridan's emphasis on helping students succeed includes helping those with disabilities. Counselling and support services are available for students with physical, emotional, and learning disabilities. Sheridan's Health Services can provide additional assistance for students with special medical needs. Most buildings at the college are equipped with ramps, elevators, accessible washrooms, and reserved parking spaces. Students are encouraged to contact the Special Needs Office well in advance of

registration. Arrangements for special services may be made on an individual basis. For more information contact:
Special Needs Office
Counselling Services
Sheridan College of Applied Arts and Technology
(416) 845-9430, ext. 718 (Oakville) 459-7533, ext. 205 (Brampton)

Sir Sandford Fleming
The Sutherland and Frost facilities of Sir Sandford Fleming are accessible with ramps, elevators, and special washroom facilities. The continuing education program, available at the McDonnel Street and Frost locations, offers courses in sign language as community needs dictate. For more information contact:
Admissions Office
Sir Sandford Fleming College of Applied Arts and Technology
Sutherland Campus
Brealey Drive
Peterborough, Ontario K9J 7B1
Telephone: (705) 749-5500
Toll-free: 1-800-461-6423

Admissions Office
Sir Sandford Fleming College of Applied Arts and Technology
School of Natural Resources
Frost Campus
Box 8000
Lindsay, Ontario K9V 5E6
(705) 324-9144
Toll-free: 1-800-461-0340

Universities
Brock
Brock has taken steps to ensure that most of the campus is accessible; wheelchair ramps, elevators, and modified washroom facilities are available. Special permits allow priority parking, and a transit system for people with disabilities is provided by the City of St. Catharines.

The university library is equipped with braille and cassette dictionaries, braillers and paper, a braille typewriter, a talking calculator and book machine, reel-to-reel and cassette recorders, two visualteks, and various magnifiers. Study carrels are available to all students with disabilities.

A hydraulic lifting wheelchair is provided in both the library and the science complex; chemistry labs and a computer terminal have been modified for the physically disabled. The pool in the physical education centre is equipped with a hydraulic floor to provide easier access.

Students for whom special arrangements are advisable, or those who would like more information and a copy of the brochure, "Disabled Student Services at Brock University", should contact the co-ordinator for disabled students:
Ms. Susan Wheeler
Co-ordinator, Special Needs
Brock University
St. Catharines, Ontario L2S 3A1
(416) 688-5550, ext. 3242

Carleton
• Mobility-Impaired Students
Carleton's campus is well equipped to accommodate students with physical disabilities. The buildings are close to each other and are connected by tunnels. All of the main buildings have elevators and are ramped for outside entrance and egress. Many sidewalks have been made accessible by curb-cut renovations. An accessible washroom exists at the tunnel entrance to Paterson Hall.

• Residence Program for Students with Disabilities
A limited number of students with disabilities are admitted into the Carleton residence program for students with disabilities each year. Admission to the program is based upon the need for attendant care service, the availability of space in an accessible room, whether or not the applicant has housing alternatives within the Ottawa area, and the date of application. For further information about the program, contact the support services co-ordinator at the Housing Office, (613) 788-5612.

• 24-Hour Support Services Program
Twenty-four-hour attendant care is available for up to ten students with disabilities. Contact the support services co-ordinator or the co-ordinator for the disabled at (613) 788-5612.

• Visually Impaired Students
A study room in the library has been designated for use by students with disabilities. A room in the MacOdrum Library has equipment for the visually impaired. Enabling equipment includes two visualtek large-print readers, a brailler, and a large-screen, large-print computer terminal with printer and synthesized voice components.

• Hearing-Impaired Students
Personal FM systems and an auditorium FM sound system are now loaned to hearing-impaired students at Carleton. Students may pick up and return equipment to the Instructional Media Department in Southam Hall so that it can be available for day and evening use. Contact the learning specialist at (613) 788-6608. The learning specialist also acts as liaison for the educational support services program. The program provides an interpreter service, professional notetakers, and FM systems for eligible part-time students.

• Learning-Disabled Students
It is recommended that learning-disabled students have a psychological assessment conducted so that university staff may provide services that address each individual's learning disability.

Students seeking help with their learning disability and/or information about Carleton University's policy for the learning disabled should contact the co-ordinator.

• Accessibility and Resource Guide
An accessibility guide for students with disabilities is published each calendar year. For further information, contact the co-ordinator.

• Counselling
The associate co-ordinator is available for counselling appointments. Students with disabilities are welcome to make appointments to discuss personal or study-related difficulties. Contact the associate co-ordinator at (613) 788-6608.

• NEADS
The National Educational Association of Disabled Students' administrative office is now located at Carleton. Inquiries regarding this national advocacy association can be made to:
Co-ordinator for the Disabled
Room 500, Unicentre
Carleton University
Ottawa, Ontario K1S 5B6
(613) 788-6608
or
Counselling and Student Life Services, (613) 788-6600

• Carleton Disability Awareness Centre
A new drop-in resource centre for students with disabilities has been funded by CUSA in Room 513, Unicentre. The centre is staffed by two part-time co-ordinators and is open from 9 a.m. to 5 p.m. Monday to Friday. Inquiries are welcome.

Guelph
• Co-ordinator for Disabled Students
The co-ordinator for disabled students can be reached at the Disabled Student Centre. The co-ordinator is there to discuss student concerns and to liaise with faculty and academic counsellors about specific student needs and requirements. Call (519) 824-4120, ext. 6208/2386.

• Implementation of Special Services
It is important that students with disabilities contact the co-ordinator for disabled students as early in the admission process as possible. Students with learning disabilities should present to the co-ordinator an assessment/evaluation done by a registered psychologist either privately or through the school system. This information will be used to initiate subsequent assistance. Documentation should be submitted to the learning disabilities specialist.

• Learning Resource Centre
For students with learning disabilities, a learning disabilities specialist offers assistance, informal assessment, liaison with faculty, and appropriate referrals for assessment and counselling where necessary. When required, the university will arrange a formal assessment for students who have not been previously assessed, if there is evidence of a learning disability.

• Academic Counsellors
Students with disabilities should contact their academic counsellor early in the academic

career to discuss concerns and needs. The academic counsellor will help with course selection and answer questions about programs of study.

• University Library
The main entrance is ramped and the turnstiles will permit passage of wheelchairs. Full-sized carrels with lockers are provided. Washroom facilities are available in the basement. Braille books, large-print books, and tapes required for course use can be obtained for print-handicapped students. Study rooms, where readers may read directly to the student or record material, are also available. Call (519) 824-4120, ext. 3614.

• Health Services
All students should register with OHIP. An infirmary is provided. Health Services will provide acute intervention and ongoing medical care for any health-related problem. Services are available to students and their families from 8:30 a.m. to 5 p.m. on weekdays and from 11 a.m. to 5 p.m. on the weekends of final exams. Call (519) 824-4120, ext. 2131 for inquiries and ext. 6292 for appointments. A doctor is on call when the Health Services clinic is closed.

• Student Housing Services
Students are urged to contact Student Housing Services as soon as possible, to determine the suitability of accommodation for their specific needs. Call 824-4120, ext. 3468.

• Co-ordinator for Disabled Students
Disabled Student Centre
Counselling and Student Resource Centre
University of Guelph
Guelph, Ontario N1G 2W1
(519) 824-4120, ext. 6208/2386

Lakehead
Students who are sight or hearing impaired or who have other physical disabilities are encouraged to contact the Special Needs Assistant for information and assistance. All newer buildings at Lakehead are accessible, as are most older buildings, including residence buildings, rooms, washrooms, and athletic facilities such as the gym, weight room, pool, and change rooms. The City of Thunder Bay provides Handi-vans for students with disabilities. Permits for special parking areas are also available. For more information contact:
Special Needs Assistant
Lakehead University
Thunder Bay, Ontario P7B 5E1
(807) 343-8066

Laurentian
The Special Needs Office has a co-ordinator to encourage equal access, create awareness, and advocate when necessary for students with disabilities. A special needs committee, consisting of faculty and students, addresses issues of concern to the university. Laurentian has installed some facilities, such as ramps, electrically operated doors, and washroom facilities. The library provides support to the visually impaired; the Olympic Pool is accessible to the physically challenged. The Office of the Co-ordinator has a database of university and community resources, as well as some specialized equipment for students and staff with disabilities. Students who require assistance should contact:
Co-ordinator of Special Needs
Room L334A
R.D. Parker Building
(705) 675-1151, ext. 3324

Nipissing University College's Education Centre in North Bay is equipped with ramps, elevators, and washrooms accessible to physically disabled students. Special parking areas are also available. However, residences are not wheelchair accessible, and special equipment and services are limited. For more information contact:
Information Officer
Nipissing University College
P.O. Box 5002
Gormanville Road
North Bay, Ontario P1B 8L7
(705) 474-3450, ext. 2327

McMaster
• Education for Students with Disabilities
The university's provisions for people with disabilities include curb cuts, ramps, tactile elevator lettering, a vertical chair lift in the Burke Science Building, accessible washrooms, learning aids in the library, readers on request from the volunteer bureau, and special stickers for parking zones. The library will also make arrangements for taped textbooks, and library staff will assist students with disabilities with research and other academically related services. Classes can be relocated to accommodate mobility-impaired students, and personal course timetables are prepared to suit the student. Special examination arrangements may be made. Each faculty has a person responsible for making any special academic arrangements. An Amity Goodwill bursary and other forms of financial assistance are available to students with physical disabilities. For more information contact:
Co-ordinator for the Disabled
Room 109B, Gilmour Hall
McMaster University
Hamilton, Ontario L8S 4L8
(416) 525-9140, ext. 4339

Ontario College of Art
OCA has access via a lift for physically disabled students into its 100 McCaul Street building and an accessible washroom on the main floor. The campus at 149 College Street has a ramp and elevators throughout. The college has an industrial design program for students who wish to design educational aids and utensils for mentally and physically disabled people. In addition, OCA is committed to accommodating visually impaired, physically disabled, and learning-disabled students whenever possible within its existing academic programs. Individuals may make inquiries through the Office of the Senior Adviser. For more information, contact the:
Special Needs Co-ordinator
Ontario College of Art
100 McCaul Street
Toronto M5T 1W1
(416) 977-5311
Fax: (416) 977-0235

Ottawa
Entrances, elevators, telephones, and washrooms cater to the needs of most students with disabilities. As soon as the student is admitted, he or she should contact the Centre for Students with Disabilities to discuss particular needs and to obtain the support required in adjusting to university life.

A team of doctors and nurses tend to the medical care of all students on campus. Medication prescribed at the clinic is provided free of charge to full-time students. The clinic is open from 8:30 a.m. to 5 p.m. Monday to Friday. For after-hours emergencies, students can dial the service's number, and a doctor will return their call.

The housing service offers specially equipped rooms in residence. To obtain one of these rooms, students should make arrangements in advance by contacting the accommodation officer.

Students with disabilities should inquire at the beginning of the school year about special services available at all campus libraries; staff will do their utmost to ensure the ready accessibility of these services. The Morisset Library and the new Health Sciences Library are equipped with ramps and pose no access problems. Morisset also has the following special equipment: a braille typewriter, a Perkins brailler transcriber, and an Optiscope magnifier.

The parking division can offer students with disabilities a parking space that is as close as possible to the building they visit most often.

The personnel of the placement service are happy to help students with disabilities in their job search. The federal government runs many interesting job programs for students with physical disabilities. Contact the Placement Service, University Centre, Room 312, (613) 564-3381.

Through Sports Services, students can take up a number of recreational activities and make use of the Montpetit sports facilities. The personnel at Sports Services are happy to look after the needs of users with disabilities.

The Co-ordinator of Services for Students with Disabilities recruits volunteers who help students with readings, notetaking, research work, and moving about on campus. For more information contact:
Co-ordinator of Services for Students with Disabilities
University of Ottawa
University Centre
85 University, #315
Ottawa, Ontario K1N 6N5
(613) 564-2389

Queen's
Students with disabilities are encouraged to contact the co-ordinator of the Special Needs Office, who will discuss with them what their requirements are and what changes are necessary so that obstacles to their participation in programs of their choice can, if possible, be overcome.

Students with disabilities are given priority in admission to residence. Both the men's and women's residences have rooms that are wheelchair accessible. One room in the women's residence has a visual alarm system. Reserved parking spaces are available.

If a student in a wheelchair has classes in a building that is not accessible, the university will try to relocate the class or improve the existing access.

There is a small room in the library for students who have a visual disability and who rely on tapes and braille material. It is soundproof and equipped with a four-track tape recorder and brailler. Some braille reference books are available. Other library equipment includes large-screen catalogue terminals, catalogue terminals at desk height, a visualtek low-vision reader, and a four-track playback tape recorder, available on loan.

The university library maintains liaison with the audio programs at Trent University, the CNIB, and so on through the W. Ross Macdonald School. These programs tape reading material for sight-impaired postsecondary students. They also serve those with learning disabilities and others who cannot use print materials. There is also a reading service available at the library.

A Kurtzweil data entry machine is available at computing services for students with a visual impairment who wish to have printed material put onto a computer disk.

Arrangements can be made for students to have extra time to complete examinations and course work, and for examinations to be prepared in tape or braille form. An amanuensis will be provided for students who cannot write or type final examinations. There are support groups for students with learning or physical disabilities. A survey of wheelchair accessibility to Queen's University buildings is available to all currently registered students.
For further information contact:
Co-ordinator, Special Needs Office
72 Queen's Crescent
Queen's University
Kingston, Ontario K7L 3X3
(613) 545-2533
TDD: (613) 545-6566

Ryerson
The Centre for Disabled Persons at Ryerson provides personalized service for students with disabilities. New students are requested to contact the co-ordinator before the beginning of the term.

Most buildings at Ryerson are accessible by wheelchair, and several provide special facilities that accommodate those using wheelchairs. Classroom reassignment is the standard response to inaccessible locations.

The Learning Resources Centre and the Centre for Disabled Persons have many technical devices and aids for those with individual specialized study needs. Extended services are also available.

Those with learning disabilities should contact the Centre for Disabled Persons' co-ordinator as soon as they apply to Ryerson to ensure confidential assistance in the application process and in adapting service needs.

The new Ryerson student residence has been designed to be barrier-free. In addition, many of the rooms have been designed to accommodate those with disabilities. Neill-Wycik College, a student co-operative residence, provides special arrangements, depending on need. Contact Neill-Wycik directly, before the term, because spaces are filled quickly. The parking garage at Ryerson provides designated spaces for those needing parking facilities.

Staff and volunteers at the Centre for Disabled Persons help students become acquainted with the campus and with registration. For further information contact:
Co-ordinator
Centre for Disabled Persons at Ryerson
Ryerson Polytechnical Institute
350 Victoria Street
Toronto, Ontario M5B 2K3
(416) 979-5187 ext. 6655
TDD: (416) 979-5274

Toronto
A co-ordinator of special services to persons with a disability can provide, upon request, liaison with academic and administrative departments and information and referral concerning facilities and services on- and off-campus.

Carrels in the Robarts Library are reserved for students with disabilities and/or volunteer readers. Magnifying devices and tape recorders are available at the three campuses and a brailler and a typewriter are available on the St. George campus. A library resource person in the Robarts Library provides liaison between the various on-campus libraries and with the W. Ross Macdonald School, the provincial co-ordinating agency for the provision of printed materials in alternative formats (tape, large print, or braille). Other equipment available includes personal amplification devices for hearing-impaired persons and computer hardware and software for visually impaired and learning-disabled students. The co-ordinator acts as liaison for the Educational Support Program, administered by the Canadian Hearing Society for hard-of-hearing and deaf part-time students.

The university has published A Guide for Disabled Persons and two brochures, Hearing Impairments and Learning Disability. The office produces a monthly newsletter. For more information contact:
Co-ordinator of Special Services to
Persons with a Disability
214 College Street
University of Toronto
Toronto, Ontario M5T 2Z9
(416) 978-8060 (also TDD)

Trent University
Trent University recognizes its responsibility to its students, faculty, and staff with special needs. It undertakes to ensure access to its academic programs and physical facilities, while protecting the academic integrity of the University. The university has a Special Needs Office and a Co-ordinator for Special Needs, who provides support and advocacy on behalf of students with physical, sensory, or learning disabilities. Some of the services provided by this office include: transcription services, notetaking, exam invigilation, and liaison with faculty members and support agencies. Also available are a voice synthesizer, optical scanner, FM system, and 4-track tape recorders. Trent has some residence rooms that can be adapted for mobility-impaired students. We strongly recommend that students with special needs visit our campus for an orientation before coming to Trent. Orientations for visually impaired students are available with the assistance of the CNIB, Peterborough. In all cases, the early identification of needs is extremely important. For more information contact:
Special Needs Office Co-ordinator
Trent University
Peterborough, Ontario K9J 7B8
(705) 748-1281 (voice or TDD)

Waterloo
Students with disabilities attending the University of Waterloo have access to door-to-door transportation (Project Lift) provided by the City of Waterloo. Also, the university provides free transportation on campus and to and from the university's student residences. Wheelchair-accessible rooms and 24-hour attendant care is available in the student residences. Both libraries provide assistance and technical aids to print-handicapped students as well as to students with other disabilities. Up-to-date technical equipment, staff, resources, and information are available in the office of the co-ordinator. For more information contact:
Co-ordinator of Services for Persons
With Disabilities
Room 2051, Needles Hall
University of Waterloo
Waterloo, Ontario N2L 3G1
(519) 888-4535
TDD: (519) 888-4044 (non-voice)

Western
The Office of Services for Students with Disabilities provides assistance for students with hearing, visual, and mobility impairments, learning disabilities, and chronic illnesses. At Western, most sidewalks have curb cuts, special parking provisions are made for drivers using wheelchairs, most buildings have accessible entrances and elevators, and there is a van available to transport students on campus. The city Paratransit system can be used to travel to and from the campus. There are three accessible co-ed residences and

two residence apartments equipped to accommodate physically disabled students.

Western has a senate policy requiring that students with disabilities notify the Co-ordinator, Services for Students with Disabilities, before the beginning of the term, of their particular needs so that accommodations can be considered. There is a computer lab containing specialized equipment for students with disabilities. Study rooms containing a print magnifier, word processors, and four-track tape recorders are available in the main library. Taped, large-print, and braille materials must be requested in advance from the co-ordinator.

Some campus pay phones have been modified for the benefit of hearing-impaired students. There are two TDDs on campus for enhanced communication with hearing-impaired students. An FM system is available for emergency loan. Additional services may be made available for these students upon request.

Counselling and Career Development Services offers counselling support for students with disabilities. This department also houses a resource centre, which deals with most aspects of disabilities. The university has an ombudsperson who acts on behalf of students with disabilities, and there is student support group on campus. For further information contact:
Susan Weaver
Co-ordinator, Services for Students with Disabilities
Room 32, University Community Centre
The University of Western Ontario
London, Ontario N6A 3K7
(519) 661-2147 (voice and TDD)

Wilfrid Laurier
Students with special needs (hearing or vision impaired, physical or learning disabilities, etc.) should direct inquiries and requests for special assistance to:
Judy Kruyn
Co-ordinator for Students with Special Needs
Wilfrid Laurier University
Waterloo, Ontario N2L 3C5
(519) 884-1970, ext. 2043

Windsor
The Office of Student Affairs is the point of contact for all students with disabilities at the University of Windsor. This office provides early registration and pre- and post-admission counselling and referral for academic, financial, career, and personal matters. The office also provides a transcription service and can assist in providing notetakers, tutors, and attendant care workers. Particular course arrangements (alternatives to written examinations and assignments, extra time for exams, readers and transcribers for exams, and special exam space) can be made with the consent of the faculty.

Of particular interest to the mobility-impaired: most buildings on the main campus are accessible; four residence halls (Cartier, MacDonald, Lauzon, and Clarke), as well as all new residences, have rooms modified for wheelchair access; and designated parking spots are available.

Of particular interest to the visually impaired: audio cassettes of textbooks can be loaned through the Leddy Library, a volunteer reader service is available, four-track tape recorders are available in Student Affairs and the Leddy Library, a Perkins Brailler is available at the Computer Centre, and large-print magnifiers and computer access equipment are available.

Of particular interest to learning disabled: the university provides psychometric testing and learning and study skills assistance for students with learning disabilities to assist them in their educational decisions.

For more information contact:
Special Needs Co-ordinator
Office of Student Affairs
University of Windsor
Windsor, Ontario N9B 3P4
(519) 253-4232, ext. 3288

York
Both campuses of York University provide ramped entrances and exits to most buildings, numerous sets of electronic door openers, adapted washroom facilities, and designated parking spots in key locations. The Office for Persons with Disabilities advises, assists, and informs students with physical disabilities of a wide range of services. These are: advising students on academic, legal, and financial issues, providing mobility tours/ orientation, advising pre-university and new students, providing volunteers to assist students with reading, notetaking, as readers/ writers for tests and examinations, mobility assistance, and advice on housing arrangements. Students with disabilities will receive priority in undergraduate and graduate residence, providing that applications are made early. Twenty-four-hour attendant care is available through the Ontario March of Dimes/York University attendant care program. For more information contact Mr. Joseph Civitella at (416) 650-5997.

The main library on campus has specially equipped rooms available for students with disabilities. These rooms house two work stations with screen enlargement software (Vista), voice synthesizer (Vert Plus), access to Yorkline (the on-line library catalogue), and Wordperfect; three Kurzweil reading machines; three vantage CCTV devices for reading printed materials; four 4-track tape recorders; and a terminal connected to the Computer-Assisted Writing Centre for students in the Learning Disabilities Program. There is also a Meva hand-held portable scanner available.

Students with visual impairments and learning disabilities who are unable to read conventional print are eligible for a free service that provides tapes of required books and articles. All materials should be submitted to Mattia Carinci, Reserver Supervisor, at (416) 736-5613.

A wheelchair-accessible computer workstation is available in each of the five libraries with screen enlargement software for access to Yorkline. Staff at the Reserves section of the library can assist students with Yorkline searches, retrieval of material, photocopying, and so on. For more information about services available in the libraries, contact Linda Hansen at (416) 736-5181.

In addition to offering its own services, the centre's staff can refer students to a broad range of general services and professionals in such areas as the writing workshop, study/learning skills, personal counselling, and financial aid.

For further information, contact:
Office for Persons with Disabilities
107 Central Square
York University
4700 Keele St.
North York, Ontario M3J 1P3
(416) 736-5140
TDD: (416) 736-5263

• The Learning Disabilities Program
The Learning Disabilities Program (LDP) provides a range of specialized services for students with learning disabilities. Written documentation regarding the nature of the diagnosed learning disability will be required for students to be eligible for support services from the LDP.

• Services and Resources
- remedial and tutorial services
- career counselling
- life skills (e.g., stress and time management)
- individual, group, and family counselling
- special workshops
- learning skills (effective reading, memory, exam writing, notetaking, and study skills)
- peer support group
- computer services
- advocacy (regarding admission procedures, evaluation methods, reduced courseload, special equipment, and materials)

The program will accommodate as many students as resources permit, and services are provided on a "first-come, first-served" basis. A fee may be charged for some of these services. For further information contact:
Co-ordinator
Learning Disabilities Program
Room 112, Behavioural Sciences Building
York University
4700 Keele St.
North York, Ontario M3J 1P3
(416) 736-5297

Native Studies

General Information
This section concentrates on postsecondary courses that may be of particular interest to both Native and non-Native people who wish to improve their appreciation of Native society and cultures. For Native students, this section also serves as a guide to special opportunities for completing or complementing postsecondary education.

The courses of study described in this section are offered by Ontario colleges of applied arts and technology and Ontario universities and include programs developed to meet the needs of Native people. Certain adult-training and apprenticeship programs that Native people have found particularly useful for improving their employment prospects are also outlined here.

The Native Studies Programs section details programs that may be valuable for those who want employment in community, social, and correctional services, or in Native and band council associations and businesses dealing with or within Native communities.

Adult Training and Apprenticeship Programs
Manpower programs are offered by training centres that are generally operated through the colleges of applied arts and technology.

The adult training and apprenticeship programs include programs specifically designed for or adapted to the needs of Native people. Information regarding the adult training programs is handled by representatives of the colleges of applied arts and technology who are in contact with chiefs, band councils, locals, and individuals within the communities. Program information is also provided by the province for circulation through all Canada Employment centres.

Adult training programs are provided for persons wholly sponsored by the provincial and/or federal governments, for partially sponsored students, and for those who wish to pay their own fees and seek financial assistance through the Ontario Student Assistance Program (OSAP). Information on sponsorship can be obtained from Canada Employment centres, social counsellors, band councils, and the Department of Indian Affairs and Northern Development.

Almost 300 adult training and apprenticeship programs are currently offered, and a list can be obtained from the colleges of applied arts and technology or from the College Affairs Branch of the Ontario Ministry of Colleges and Universities. Many programs can be made available on the reserves. Programs requiring special facilities, however, are not offered outside established training centres.

Specific Employment Programs for Native People
Several programs have been established in partnership with the Canada Employment and Immigration Commission to promote employment prospects for Native people. These programs are offered through established training centres and may be offered on a reserve, where feasible.

Academic Upgrading
Academic upgrading concentrates on the communications, mathematics, and science required to obtain and hold employment or to enter a skill program that leads to employment. Generally, individualized instruction is available so that the students may start at any time during the program and proceed at their own rate of learning. Life skills may be used in academic upgrading to assist the student to overcome earlier learning problems. Some programs are directly oriented to Native students and are taught on the reserves.

Summer Employment Program
Offered at:
McMaster University
Trent University
University of Toronto
University of Western Ontario

This program is designed to acquaint Native secondary school students with the kind of environment in which they might find themselves if they decide to continue their studies at the postsecondary level, by providing meaningful employment for these students on a university or college campus.

The summer employment program for Native students offers the following advantages:
- permits Native students to become familiar with a postsecondary institutional environment;
- offers summer employment opportunities to Native students;
- offers assistance to university and/or college staff by enabling them to hire summer help.

Sault College and the University of Western Ontario, in addition to offering Native student summer employment opportunities, have a postsecondary co-ordinator/adviser to help Native students and supervisors. At Sault College, the co-ordinator also administers special projects for the Sault College Native Student Assembly.

Note: The lack of contact and familiarity with the postsecondary institutional environment is a significant factor in Native students' not continuing their studies at the postsecondary level, even when they are academically qualified and financially able to do so.

Teacher Education
Teacher education programs for Native people have been instituted at two universities in Ontario: Lakehead and Laurentian. These programs are intended to increase the number of Native teachers. Also, skilled teachers of Native ancestry will be of great assistance in responding to the needs of children in the schools in Native communities. A new program at Queen's University, in conjunction with Trent University, will help train Native teachers to teach in Native schools and will offer a Bachelor of Education degree and a diploma of Education through both on- and off-campus programs.

Programs

Akwesasne Law and Security Auxiliary Program
St. Lawrence College, Cornwall
This 48-week program provides graduates with the knowledge and skills to act as auxiliary officers in the Akwesasne region. Contact the Native Studies Co-ordinator, St. Lawrence College, Cornwall, telephone (613) 933-6060.

Appliance Servicing
Mobile
Mobile teaching services will be taken to the reserves to teach Native people appliance servicing, with an emphasis on the use of propane gas.

Band Management
Confederation College
The objective of this four-semester diploma program is to develop competent graduates who have acquired skills, knowledge, and awareness applicable to management positions in Native, non-Native, or government communities. Graduates may expect to be reasonably informed on current Native issues and be able to act as resource persons on a variety of topics within the Native community.

For further information contact
Supervisor of Native Programs
Confederation College
P.O. Box 398
Thunder Bay, Ontario P7C 4W1
Telephone (807) 475-6278 or
toll-free 1-800-465-6961.

Basic Water-Treatment Operation
Northern College
An introduction for operators to the fundamentals of plant operations. The course covers such topics as bacteriological, physical, and chemical characteristics; coagulation and flocculation; sedimentation; water filtration; and chlorination.

Building Custodian (Certified)
Northern College
Northern College has adapted the College Affairs Branch urban program for janitors to be employed by band councils for their schools located on Indian reserves.

Cabinet Making and Fine Woodworking
Northern College
Northern College can train Native students in cabinet making and fine woodworking. Graduates may find employment in custom furniture manufacturing, commercial cabinet making, and interior finishing.

Carpenter, Construction Trades, and Trades Helper
Confederation College
Georgian College
Northern College
Sir Sandford Fleming College
These urban programs have been modified to suit reserve locations, available materials, etc. Confederation College, Georgian College, Northern College, and Sir Sandford Fleming College have been prominent in this training area. The Apprenticeship Branch has made some concessions in the area of compulsory apprenticeship for carpenters, electricians, and plumbers when the training is to be put to use on the isolated reserve in order to improve living conditions. If the Native person wishes to leave the reserve, he/she would have to register as an apprentice in a particular trade before these skills could be put to use. Abatements or credits would be granted for the training.

Clerk/Typist
Northern College
Northern College adapted this College Affairs Branch urban program to train Native people to be employed by band councils, Department of Indian Affairs and Northern Development offices, Hudson's Bay stores, and small businesses. Skills taught include typing, bookkeeping, basic accounting, stenography, and secretarial and clerical expertise. Short business and commerce courses can be moved from one small community to another.

Forestry Technician
Sault College
Sault College provides a program in Native resources via the Contact North distance education network. The forestry technician program is modified for Native students by using a combination of distance education and on-site delivery modes. Students require a sponsor with natural resource expertise willing to provide practical skills training in the student's home community.

General Vocational Preparation
Confederation College
The curriculum of this two-semester program is designed for Native students seeking entry and skill development towards registration in a college career program. This program also attempts to meet the cultural needs of Native students.

For further information contact the Supervisor of Native Programs, Confederation College, telephone (807) 475-6278 or 1-800-465-5005.

Health Care Aide, Nursery Aide, and Nursing Assistant
Generally speaking, the Native person has to leave the reserve for training.

These programs are standard. Training must be obtained off the reserve in order to have the necessary clinical facilities available. Upon graduation, employment may be available at hospitals located near the reserves.

Heavy-Equipment Operator – Single Machine or Multiple Machine (eight pieces)
Northern College
These courses train Native students in the safe operation and maintenance of such equipment as bulldozers, loader scrapers, graders, tandem trucks, and excavators. Graduates will find employment on roadbuilding, water main or sewer construction, and earthmoving projects.

Indian Economic Development
Sir Sandford Fleming College
Available as a two-year, four-semester diploma program.

Languages
Brock University
Teaching services are delivered at the Cayuga Reserve to teach Native people the language and culture of their heritage.

Law
University of Ottawa
Queen's University
University of Toronto
University of Western Ontario
University of Windsor
York University
All Ontario university law schools encourage applications from Native people in order to expend meaningful legal representation on their own behalf.

In order to ensure a reasonable chance of academic success, the law schools fully endorse the special pre-law summer orientation program for Native students at the University of Saskatchewan. Those who have not completed this program but show marked potential for advancement may be accepted.

Qualified status Indian students are eligible to receive the full range of financial support benefits provided by the federal Department of Indian and Northern Affairs, for both the pre-law and the law school programs. Similar assistance is provided for Métis and non-status Indian students by the federal Department of Justice.

Law and Security Administration Native Justice Option
Cambrian College
This program prepares graduates for employment in areas of the criminal justice system where sensitivity to Native culture, aspirations, and issues is desirable. The program meets the requirements of the recognized law and security administration police education component and is enhanced by strong course offerings in Native studies. Employment opportunities are varied and exciting.

Graduates will possess the knowledge and skills to obtain employment with a variety of organizations and agencies (both Native and non-Native) in the criminal justice system, or to pursue further postsecondary education.

Admission requirements: the minimum requirements for admission to the program is an OSSGD (27 credits at the general or advanced level) or equivalent, as determined by the college, and completion of a program-specific questionnaire. The program is limited to an intake of 30 first-year students for semester 1. Because applications will greatly exceed the number of places available, the selection process will be competitive. A criminal record may be a serious impediment to employment in any field related to a law and security administration program.

For further information contact:
Chairman
Wabnode Institute
Cambrian College
(705) 566-8101, ext. 7416.

Logging and Small-Sawmill Operator
Canadore College
Confederation College
Northern College
This program is offered at Canadore, Confederation, and Northern colleges in accordance with need.

Maintenance Management – Small Communities
Canadore College
This program prepares students to meet the needs of small municipalities and Native reserves that maintain community-owned buildings, facilities, and utilities. Courses relate to dealing with capital assets, buildings and equipment, maintenance personnel and systems, budgeting processes, and elected municipal and band representatives. Field placement ensures that graduates develop skills to enable them to gain entry-level employment in small municipalities and Native reserves. Graduates will find employment opportunities as maintenance managers and supervisors with small municipalities, Native reserves, institutions, and commercial enterprises.

Marine and Small-Powered Equipment Mechanic
Confederation College
Northern College
Confederation and Northern colleges have offered this program extensively. Training has ranged from 16 weeks to the full 40 weeks. On occasion, the Department of Indian Affairs and Northern Development has provided tools and a workshop, which are left in place for the use of the graduates when the program has been completed. Emphasis generally has been on snow-machine and outboard-marine repair and maintenance. This program is offered in accordance with need.

Native Alcohol and Drug Counsellor
Canadore College
This program trains graduates to function effectively as counsellors, specifically as alcohol and drug abuse counsellors, in areas where there are limited resources and serious social problems. Training covers the following areas: oral and written communications skills, team work and building inter-personal relationships, personal growth, ethics, values, counselling skills, methods of effective listening, and Native cultural, historical, spiritual, and political issues. Work experience in the field is mandatory and

scheduled during the program, usually during December and from mid-February to mid-March.

Native Child and Family Worker
Cambrian College
Confederation College
The purpose of this five-semester program is to develop effective helpers whose primary job interest is working with Native children/adolescents and their families. The recent thrust in the field of Native child welfare is preventative as well as rehabilitative. The workers are now assuming the role of a family support agent, with the focus on maintaining the child in his or her own home or community. Also, Native organizations recognize the need to create Native child and family services at the urban community and local reserve levels.

The program at Cambrian College is a new program with limited enrolment; 35 students will be accepted. For information on admission requirements, please contact:
Chairman
Wabnode Institute
Cambrian College
(705) 566-8101, ext. 7418.

For further information on the program at Confederation College, contact:
Supervisor of Native Programs
Confederation College
Telephone: (807 475-6278 or
1-800-465-5005

Native Community Care, Counselling, and Development
Cambrian College
Mohawk College
This two-year diploma program is designed to help students study, understand, and develop skills that will help them become confident and able community health care workers in both local and cross-cultural situations. Students may specialize in community care, substance abuse, or mental health options. *Admission requirements*: OSSD or equivalent; questionnaire.

For further information on the Cambrian College program, contact
Chairman
Wabnode Institute
Cambrian College
(705) 566-8101, ext. 7418.

For further information on Mohawk College's program, contact
Dean
Brant Campuses
(519) 759-7200.

Native Community Worker
Sault College
This four-semester diploma program is designed to meet the community development needs of Native communities and human service agencies with Native participation. Students gain a broad base of skills needed for employment as court workers, community developers, child welfare workers, and addiction counsellors. Native studies and field-work placements in relevant agencies are an integral part of this program. For further information, contact
Co-ordinator of Native Programs
Sault College
443 Northern Avenue
Sault Ste. Marie, Ontario P6A 5L3
(705) 759-6774 or toll-free 1-800-461-2260

Native Counsellor
Northern College
The Native counsellor certificate program enables graduates to work as Native counsellors in private or public social agencies, community developments, and band organizations. Classroom theory is enhanced by field placements: five weeks in semester I and two days per week in semester II. Students also acquire skills in alcohol and drug education, counselling, interviewing, and assertiveness.

Native Drug and Alcohol Counsellor
Northern College
The Native drug and alcohol counsellor program is designed to provide students with the practical intervention strategies for minimizing common problems arising from alcohol and drug use, and to build their confidence in dealing with drug- and alcohol- related problems. In addition to exploring the different stages of adult development and the changes within the family structure, students also study the specific and predictable effects of alcohol and drugs on the body. Particular attention is given to drug and alcohol counselling, and program participants are given the opportunity to gain practical experience during field placements.

Native Management and Economic Development Program
Trent University
This program offers an integrated approach to the development of management and entrepreneurial skills. It is jointly sponsored by the administrative and policy studies program and the Department of Native Studies, and blends a study of Native culture with management and economic development skills. The program offers four options:

1. a two-year diploma for students who have the equivalent of Ontario Grade 12 or qualify as mature students. Students must complete eight to eight and one-half courses, of which seven must be university credit courses. Students of Native ancestry are encouraged to enrol;
2. a three-year ordinary Bachelor of Arts degree, with an emphasis in Native management and economic development, including six Native studies courses and four administrative and policy studies courses;
3. a four-year honours Bachelor of Arts degree – same as the three-year program, with the completion of four additional academic credits and an additional academic year;
4. a Bachelor of Administrative and Policy Studies degree, with an emphasis in Native management and economic development. This is a four-year, 20-course program requiring a cumulative average of B- to remain in the program.

Native Nurses Entry Program
Lakehead University
Queen's University
The Native nurses entry program is a nine-month preparation program designed to provide the necessary skills and academic preparation required for successful completion of the four-year Honours Bachelor of Science in Nursing degree program. Applicants who may be considered for admission to the Native nurses entry program include:

1. Adult students: Applicants who are at least 21 years of age in the calendar year of entry, who are residents of Canada, and who have not attended postsecondary institutions (full time) for two years prior to their admission will be considered as adult students.
2. Extraordinary admissions: The university is prepared to consider applicants for admission who have been away from formal education for at least two years at any time for reasons beyond their control. Applicants will be interviewed by the registrar or a designate. Each case is considered on its own merits.
3. Health care workers (community health representatives and RNAs) who have successfully completed a minimum of Ontario Grade 10.
4. Individuals who have successfully completed at least one full year of study at the community college level in child care, community work, or a related field.

The applicant must be of Native ancestry.

Queen's University School of Nursing accepts Native applicants who do not have regular entrance requirements if they are recommended for admission from the Native Access Program of the University of Saskatchewan.

Native Recreation Worker
Northern College
This one-year program focuses on leadership skills and is designed to provide students with the knowledge and abilities to plan and develop recreational activities for different age groups. Emergency first aid and accident prevention are included in this program of studies.

Native Skills Training
Cambrian College
This postsecondary program consists of a common first semester, followed by three semesters in a skills training program of the student's choice. The common first semester consists of the following areas of study: English 1050-4, math 0100-4, life skills NTS 1140-9, computer literacy 100-4. The subsequent three semesters will consist of a skills training program of the student's choice in the following areas: drafting, food preparation, heavy-duty equipment mechanic, industrial maintenance mechanic, machine shop, welding, carpentry, masonry, cabinet making, clerk typist, accounting assistant.

Admission requirements: the minimum requirement for admission to a postsecondary program is an OSSD (30 credits), or an OSSGD (27 credits), its equivalent, or mature student status.

For further information contact
Chairman
Wabnode Institute
Cambrian College
(705) 566-8101, ext. 7418

Native Social Service Worker
Canadore College
Northern College
The social service worker counsels and helps individuals and families understand and resolve their personal and social problems. The Native program option provides the social work graduate with expertise in working with Native clientele on reserves and with Native organizations and associations.

Increasing self-government by Native peoples has created a demand for trained Native social workers. The Native option will provide graduates to meet that demand. All social service worker students share common first and second semesters. Second-year students will be offered the Native option, which concentrates on Native issues and concerns.

Native Social Services Aide
Sault College
This four-semester program meets the needs of rural and urban human services agencies and Native communities. Students gain a broad base of skills. Native studies include the history of Native peoples in Ontario and the study of relevant legislation. A supervised field-work placement is provided.

Native Studies
Cambrian College
Lakehead University
Laurentian University
McMaster University
University of Toronto, Erindale Campus
University of Toronto, St. George Campus
Trent University
Cambrian College offers a one-year postsecondary program which has been specifically designed for Native students who wish to pursue a more general postsecondary education before committing themselves to a specific career path. This program will give students a solid foundation for pursuing postsecondary education; provide an opportunity for Native students to relate their identity and heritage; provide an opportunity for students to take Native studies subjects; and help students prepare themselves in English, mathematics, and science for further training.

Prerequisite: mature students applicants who lack the minimum academic prerequisites but who are at least 19 years of age will be considered on an individual basis; or OSSD or its equivalent.

For further information contact
Chairman
Wabnode Institute
Cambrian College
(705) 566-8101, ext. 7418

Lakehead University offers a wide range of programs designed to encourage Native Canadians to pursue a university education in an academically, socially, and culturally supportive environment. The preparatory certicicate, diploma, and degree programs are a unique blend of courses that assist Native students to maintain their heritage while furthering their education.

Native Nursing Entry Program: This is a nine-month preparatory program designed to provide students with the necessary skills and academic preparation for the successful completion of the four-year nursing degree program.

Health Sciences Access: This program is program is designed to increase the number of Native health professionals, particulary in Northern Ontario, and to provide academic and psychosocial preparation so that students can successfully complete university degree programs leading to health careers, Arts, Science, and Professional Studies Access: This is a continuing preparatory and support program with specialYear 1 skill basic courses, directed Year 1 and 2 academic programming, and includes culturaly sensitive counselling and tutoring.

Native Language Instructor's Program: This program is designed to increase the number of Native language teachers through summer programs that will prepare them to instruct in Native as a first language or Native as a second language.

Native Language Programs: Students wishing to learn a Native language or improve their proficiency in a Native language may pursue a course of study with Lakehead's Department of Languages. A Native Language Minor Program is available in Native language studies, Algonquin as a first language, Ojibwe as a second language, and Cree as a second language. A Certificate in Algonquin Language Studies is also offered.

Laurentian offers a general Bachelor of Arts program in Native studies through the Department of Native Studies of the University of Sudbury, which is federated with Laurentian.

The program is intended to acquaint students as fully as possible with the situation of Native people, especially those of Canada. To this end, studies range from pre-Columbian time, through the arrival of the Europeans to the present-day renaissance, and cover education, legal rights, language, the application of ancient insights to modern sociological and ecological problems, and twentieth-century aspirations.

The aim of the program is to bring the students into direct contact with the area being studied. Artifacts, films, tapes, and other audio-visual resources are used, oral literature is studied, and field trips are arranged. Representatives of the Native population are invited to take part in the program.

The Erindale Campus of the University of Toronto offers a major (three-year) program that examines the cultures of the past and present as well as the history and theoretical framework of the interaction of Native and colonizing peoples. The program is interdisciplinary, combining the courses and approaches of anthropology, history, sociology, and geography. It complements programs with a focus on North American studies, ethnic/racial history, and environmental studies. Students may pursue special interests through an independent study course.

The University of Toronto also offers a Native health careers program. This program provides student services to persons of aboriginal ancestry who are interested in careers in the health care professions such as medicine, dentistry, nursing, physical and health education, and health administration. The program is involved in the recruitment of students; admissions advocacy; support services such as academic tutoring, counselling, housing, daycare referrals, application preparations, assistance in finding employment; and cultural workshops. Telephone (416) 978-8227.

Trent University offers the following Native studies programs:
Diploma program: Intended for Native students who have Grade 12 or who would qualify for admission to Trent under mature student guidelines. Students may enrol in the Native studies or Native management and economic development diploma program. The program has three unique features: a six-week intensive summer course designed to prepare students academically, a reduced load during the regular school year, and intensive personal support throughout the program of study. The diploma is awarded after two years of successful study, and students who complete the program may transfer their credits toward a Bachelor of Arts degree.

Bachelor of Arts degree: This three-year (ordinary) or four-year (honours) degree program is intended to provide Native and non-Native students with the opportunity to study aboriginal peoples from a unique interdisciplinary approach. Students wishing to major in Native studies are advised to consult the department for cognate courses in other disciplines such as anthropology, Canadian studies, and sociology. Single majors in the three-year program are required to take a minimum of six courses in Native studies. Joint majors are required to take a minimum of five Native studies courses. Students may do an honours year in Native studies; single majors are required to do a minimum of nine courses over four years, and joint majors are required to complete seven in Native studies.

Graduate studies: The Master of Arts program is part of the Frost Centre graduate program in Canadian heritage and development studies. The Native studies component emphasizes community-based socioeconomic development, community development, Native history, government policy, or closely related topics.

Small-Boat Construction, Repair, and Maintenance
Cambrian College
James Bay Educational Centre
Developed originally by Cambrian College for Manitoulin Island, this program has since been revised by the James Bay Educational Centre at Moosonee. Native craft construction is the main aspect, but the program also provides for the local repair of boats and thus holds down cost and time delays for such repairs.

Small-Business Management
Confederation College
Northern College
Sir Sandford Fleming College
Confederation and Northern colleges offer a postsecondary program for small-project developers to provide the managerial skills required to design, organize, and implement community programs. Sir Sandford Fleming College also provides training in small-business management, intended to result in the development of Native community-centred enterprises and employment.

Social Work
Laurentian University
The goal of the honours Bachelor of Social Work (Native human services) program is to provide an accredited social work degree that offers knowledge, skills, and experience to work effectively with Native and non-Native communities. The main objectives of the program are to impart to its graduates:

1. the ability to apply professional social work methods at a level of competence suitable for beginning practice, and in a manner that is culturally appropriate to First Nations individuals and communities;
2. a good understanding of the cultural commonalities and differences that affect helping relationships with Native people;
3. an awareness of social problems and concerns of Native people, and the effect of these on their social and emotional development;
4. sound knowledge and appreciation of First Nations' history, culture, worldview, and psychology;
5. a broad awareness of the political, social, educational, and economic aspects of development in Native urban and reserve communities;
6. an understanding of the judicial system, and provincial and federal legislation affecting First Nations; and
7. a deep commitment to the ethics and values of the social work profession.

Sociology and Anthropology
Lakehead University
B.A. (Native studies, anthropology major). A study of Indian, Metis, and Inuit life in considerable detail.

Special Constable Worker
Northern College
The special constable worker program prepares graduates for a career in reserve policing. This program does not replace the formal training offered by the Ontario Provincial Police, the Ontario Police College, and employers of prospective reserve special constables; rather, the emphasis is on providing basic knowledge and skills in several component areas, including communications, social sciences, police studies, and life skills.

This program introduces students to law and helps develop attitudes conducive to effective and enlightened policing in a reserve community. It is the goal of the program to encourage interest in the field of policing and to motivate further study, as well as encouraging appreciation of the ways in which people live together and function in a reserve community.

Summer Employment Program
McMaster University
Trent University
University of Toronto
University of Western Ontario
This program is designed to acquaint Native secondary school students with the kind of environment in which they might find themselves if they decide to continue their studies at the postsecondary level, by providing meaningful employment for these students on a university or college campus.

The summer employment program for Native students offers the following advantages:

1. permits Native students to become familiar with a postsecondary institutional environment;
2. offers summer employment opportunities to Native students;
3. offers assistance to university and/or college staff by enabling them to hire summer help.

Sault College and the University of Western Ontario, in addition to offering Native student summer employment opportunities, have a postsecondary co-ordinator/ adviser to help Native students and supervisors. At Sault College, the co-ordinator also administers special projects for the Sault College Native Student Assembly. The University of Windsor has a Native counsellor who works with the university's Student Affairs Office.

Note: The lack of contact and familiarity with the postsecondary institutional environment is a significant factor in Native students' not continuing their studies at the postsecondary level, even when they are academically qualified and financially able to do so.

Water-Distribution System Operation and Maintenance
Northern College
A course intended to upgrade the knowledge and skills of the water-distribution system staff. The program covers such topics as water sources and treatment; water quality and problems; basic hydraulics; watermain appurtenances, pipes and joints; leak detection and fire-flow testing; breaks and repairs; cleaning, disinfection, and testing; corrosion; and plans and records.

Water-Plant Preventive Maintenance
Northern College
A course intended to provide basic maintenance and trouble-shooting skills to inexperienced water-treatment plant operators. The program covers such topics as maintenance of piping and valves; pumps; packing and seals; bearings; lubrication; Standby power units; motors; drawings and equipment manuals.

Study Opportunities for Seniors

General Information

Colleges of Applied Arts and Technology

Most of Ontario's colleges of applied arts and technology offer postsecondary credit courses to senior citizens through their departments of continuing education or extension for a nominal fee per course. There are no specific admission requirements, and senior citizens are normally admitted under the mature students category. They are generally expected to meet normal academic standards and to be responsible for any incidental course fees that may be incurred for materials, books, labs, and so on.

Reduced fees for both full- and part-time studies by senior citizens are offered by Cambrian, Canadore, Conestoga, Fanshawe, George Brown, Humber, Loyalist, Northern, St. Lawrence, Sheridan, and Sir Sandford Fleming colleges. At Algonquin, persons aged 60 and over may register for C.E. classes subject to class size constraints for a special $5 fee in any of the funded courses. Algonquin's policy for full-time programs is currently under review. Centennial, Confederation, Durham, Mohawk, Niagara, and St. Clair colleges offer reduced fees for senior citizens for part-time studies only. The remainder of the colleges do not waive normal fees for senior citizens who wish to study as full-time students. Colleges may differ somewhat in their admission regulations; prospective students are advised to check with the institution they want to attend.

Colleges of Applied Arts and Technology

Algonquin

For detailed information on study opportunities for senior citizens, call (613) 727-7606, or toll free 1-800-267-7061.

Cambrian

Cambrian College hosts Elderhostel, a residential academic program for people 60 years of age and over. During the one-week program, participants live in the college residence, attend classes, and participate in a variety of extracurricular activities. The program also includes a commuter package for in-town residents who wish to participate in Elderhostel. For further information, call toll-free 1-800-461-7145.

Canadore

Canadore College offers courses dealing with retirement planning and the problems of retirement. For further information, call (705) 474-7600, ext. 388, or toll-free 1-800-461-7340.

Confederation

Confederation College hosts Elderhostel activities during the summer months. Residence facilities are available on campus. For further information, call (807) 475-6110 (toll-free for Northwestern Ontario residents, 1-800-465-6961).

Durham

Durham College offers courses dealing with retirement planning and the problems of retirement. For further information, call (416) 576-0210, ext. 262, or toll-free 1-800-668-5843.

Fanshawe College

For detailed information on study opportunities for senior citizens, (519) 452-4277.

George Brown

George Brown College offers a number of educational opportunities for seniors. The Seniors' Access Institute, which is in the college's Community Outreach Department, sponsors a number of programs, courses, and activities for seniors. Senior citizens are able to study in selected daytime and evening credit courses, which are offered at a reduced tuition, and are given assistance in selecting daytime courses and in registration. The George Brown College Seniors' Association provides non-credit courses for seniors; a small fee is charged for those courses. The College also offers three one-week Elderhostel programs in June and July. For further information, call (416) 944-4522.

Georgian College

Georgian College has a Gold Card Club for seniors, which enables them to participate in courses, workshops, and seminars. It also offers reduced prices for most courses, dining facilities, and bookstore services. For further information, call (705) 728-1951, ext. 542.

Humber

Humber College offers a variety of specialized courses for senior citizens through its Third Age College. For further information, call (416) 675-3111, ext. 4219.

Lambton

Lambton College offers the Actively Retired Citizens Program (ARC). For further information, call (519) 542-7751, ext. 295.

Loyalist

Loyalist College offers courses dealing with retirement planning and the problems of retirement. For further information, call (613) 969-1913.

Northern

Northern College offers Elderhostel at its Kirkland Lake campus. People over 60 years of age participate in a college educational experience for a week, which includes three short courses and a stay in a student residence. In Timmins, Northern College coordinates part-time courses in senior citizens' group homes three times a year. For further information, call (705) 567-9291.

St. Clair

For detailed information on study opportunities for senior citizens, call (519) 966-1656 ext. 575.

St. Lawrence

For detailed information on study opportunities for senior citizens, call (613) 345-0660.

Sault

Sault College offers courses of interest to senior citizens at off-campus locations. For further information, call (705) 759-6700, or toll-free 1-800-461-2260.

Seneca

Seneca College offers courses of interest to senior citizens at off-campus locations. For further information, call (416) 491-5050.

Sheridan

Elderhostel is hosted at Sheridan College's Credit Valley campus. Programs are open to anyone 60 years of age or older, or the spouse or companion of someone of that age, regardless of educational background. Enrolment is limited to 40 participants. Sheridan also offers courses dealing with retirement planning and the problems of retirement. For further information, call (416) 842-0105.

Universities

Both regular and part-time university studies are available to senior citizens, and nearly all universities offer free tuition. There are no admission requirements specific to senior citizens except proof of age. Several universities admit, as senior citizens, students who are at least 60 years of age, but most require proof that students are 65 years of age or over. Students must be Canadian citizens or permanent residents.

Senior citizens are normally admitted as mature students. Those who wish to enter a program of study leading to a degree must demonstrate the academic ability required to satisfactorily complete university level courses. Most universities set a one-year period of probation for assessment of this academic ability. General aptitude tests may also be required.

The majority of senior citizens enrolled in Ontario universities are taking part-time studies for personal interest.

Since tuition is often waived for senior citizens, entry to courses that have restricted enrolments may be denied in some instances. Such courses are generally high-demand courses or are associated with professional (career-oriented) schools and are usually of less interest to senior citizens. In all other respects, senior citizens enjoy the same privileges and are governed by the same regulations as regular students.

Brock

Brock University offers a variety of programs aimed at senior citizens. Tuition fees in university credit courses are waived for adults over the age of 60. For details, contact the Office of the Registrar. For further information, call call (416) 688-5550.

Carleton
Carleton University offers free tuition to persons 60 years of age and older who are registered for credit courses. Reduced fees are offered in non-credit courses. Counselling is available through Carleton's School of Continuing Education. Week-long Elderhostel programs are offered during the summer. Participants live in residence on campus, take three non-credit courses, and enjoy various activities. The co-ordinator, Bonnie Schmidt, can be reached at (613) 788-3501.

Guelph
At the University of Guelph, senior citizens (at least 65 years of age on the first day of the month in which registration for a semester occurs) who are admitted for registration will be exempted from paying tuition, student organization, and other fees. For further information, call (519) 824-4120.

Lakehead
At Lakehead University, tuition fees for credit courses are waived for individuals 60 years of age and older by September 30 of the academic year. Enrolment may be restricted in limited-enrolment courses. Students are responsible for the costs of books, supplies, and incidental fees. For further information, call (807) 343-8210, or toll-free 1-800-465-3959.

Laurentian
Laurentian University offers, for a nominal fee, some non-credit courses specifically designed for the over-50s. Free tuition is offered to seniors over 60 years of age in credit courses in which seniors attend regular classes with students of all ages. Counselling is available at the Centre for Continuing Education and Part-Time Studies. For further information, call (705) 675-1151, ext. 3930.

McMaster
At McMaster University, senior citizens may take credit and non-credit courses free of tuition, subject to meeting academic requirements. For further information, call (416) 525-9140, ext. 4325.

Ottawa
The University of Ottawa offers a variety of credit and non-credit programs and special-interest courses aimed at senior citizens. Senior citizens are eligible to study in day, evening, and weekend programs throughout the academic year and during the summer session. The university's continuing education office sponsors the Elderhostel program during the summer. Tuition fees in university credit courses are waived for students over the age of 60. For further information, call (613) 564-3928.

Queen's
Queen's University offers free tuition for credit courses to persons 65 years or older who meet regular admission requirements. During the summer, week-long Elderhostel programs are offered in which participants live in residence on campus, take three non-credit courses, and enjoy a varied activity and entertainment schedule. The Director of Enrichment Studies at Queen's is Doug Thompson, who can be reached at (613) 545-2473.

Ryerson
Ryerson Polytechnical Institute provides seniors with personalized assistance in selecting courses and in registration. A number of special fitness courses designed for seniors, such as swimfit and stretch and tone, are offered by the Recreation and Athletic Centre at Ryerson. A special membership fee is available, enabling seniors to use the entire centre seven days a week.

Ryerson offers seniors a variety of study options in both day and evening courses. A limited number of spaces are reserved for senior students in several daytime credit courses. Seniors may also apply for admission to other day courses as special students. Admission is subject to space being available and to regular admission procedures. Some courses may require a prerequisite or the approval of the instructor.

All daytime credit courses and most evening courses are tuition-free for all persons 60 years of age and over. Fall classes begin in early September; winter classes begin in early January. Supplies fees may be levied in certain courses. In addition, a number of courses designed especially for seniors are offered in the fall, winter, and spring. A small fee is charged for these courses. Ryerson also offers two one-week Elderhostel programs in May.

Through its unique participation program, the Volunteer Committee of the President's Advisory Committee on Senior Involvement at Ryerson, Ryerson offers seniors (persons 60 years of age and over) a wide range of opportunities for involvement in the Ryerson community.

Seniors assist in the library, help international students meet Canadians, act as advisers to students on special research projects, serve as tutors, trace "lost" alumni and serve on numerous committees.

For information on registration procedures, course details, or senior involvement at Ryerson, contact Pam Hitchcock, Co-ordinator, Seniors' Studies, at (416) 979-5103.

Toronto
The University of Toronto offers free tuition in degree credit courses for seniors 65 and over through its college for part-time studies, Woodsworth College. These courses start in September, January, and May, days or evenings.

Prospective students should make an appointment in advance to discuss their course selection with the Co-ordinator of the Senior Citizens' Program. Seniors attend regular classes with students of all ages and may eventually earn a University of Toronto degree by successfully completing at least fifteen courses. Some seniors are content with earning the Certificate of Merit from Woodsworth College for the successful completion of at least six courses. For further information or registration procedures, course details and other opportunities for senior involvement at the University of Toronto, contact June Straker, Co-ordinator, Senior Citizens' Program, at (416) 978-2411.

Trent University
Trent University offers counselling for senior citizens through its Julian Blackburn Centre for Continuing Education and offers free tuition in credit courses for seniors over 60 years of age. For further information, call (705) 748-1229.

Waterloo
At the University of Waterloo, Canadian citizens or permanent residents 65 years of age and over who register for degree credit courses will receive a bursary equivalent to the cost of tuition. This bursary will be awarded at the time of registration.

Students will be responsible for all other fees connected with their course or registration. A number of credit courses and public lecture series are offered by the university at various off-campus locations, and senior citizens are invited to attend. The University of Waterloo offers programs and services for all mature students, including seniors. For further information, call (519) 888-4050.

Western
At the University of Western Ontario, individuals 60 years of age or over may study in credit courses tuition-free. There is a reduced fee in most non-credit courses. Students are responsible for the cost of books and supplies in all courses. Counselling services are available to the new or prospective senior student, as are academic counselling for course-selection assistance and personal counselling. Westminster College administers an Elderhostel program, and Western offers a non-credit course called "Are You Ready for University?" to help adult/senior students develop learning skills. Courses are offered days and evenings.

There is a limit on the number of senior students registered in some non-credit courses, and some credit courses have restricted enrolments, which exclude senior students studying tuition-free. Senior students at Western have access to all student services. For further information call the Counselling Office at (519) 661-3635.

Wilfrid Laurier
At Wilfrid Laurier University, senior citizens (60 years of age or older) will be admitted to part-time studies, regardless of previous academic background. They may register in courses for credit or as audit students. The tuition fee will be waived for part-time studies. The normal academic regulations will apply. Senior citizens may also be admitted to full-time studies on an individual basis, but normal fees will be applied. For further information, call (519) 884-1970, ext. 4447.

Windsor
The University of Windsor offers free tuition for Canadian citizens 60 years of age or older. Counselling is offered through the Division of Continuing Education, and interested individuals are encouraged to apply. For further information, call call (519) 973-7079.

York University
York University offers free tuition in degree credit courses to persons 60 years of age or older. Tuition waiver forms may be obtained from and submitted to the Financial Aid Office, and must be accompanied by acceptable documentation of age, citizenship, and residence. For further information, call (416) 736-5100.

Selected Reference Publications

Some of these publications are available in secondary school guidance offices, public libraries, and at college and university admissions offices and libraries. All prices are subject to change.

Careers

Career Selector Free
Data on over 150 careers – nature of work, training, qualifications, remuneration, etc.
Ontario Women's Directorate
Suite 200, 2nd Floor
480 University Avenue
Toronto, Ontario M5G 1V2
Telephone (416) 597-4605

Health Career Paths $3.50
A booklet listing the entrance requirements, length, and location of programs leading to health careers in Ontario.
Ontario Hospital Association
150 Ferrand Drive
Don Mills, Ontario M3C 1H6
Telephone (416) 429-2662 ext. 2333

Jobs for Your Future $3.50 (add $1 for handling)
A booklet on how to select the career that's right for you. Also available in French.
Bridging the Gap
155 College St.
Toronto, Ontario M5T 1P6
Telephone (416) 660-1076

OISE PRESS – Guidance Centre
Contact OISE Press – Guidance Centre at the Ontario Institute for Studies in Education, for a complete listing of all the occupations described in the G. C. Occupational Information Monograph series ($137.50, English only) as well as a copy of their catalogue.
712 Gordon Baker Road
Toronto, Ontario M2H 3R7
Telephone (416) 590-7989

Student Guidance Information Service (SGIS)
Information on over 500 occupations and their educational requirements, and on approx. 200 postsecondary institutions and their programs. Available to students in Grades 7-13 in all publicly supported Ontario schools. See your guidance counsellor for assistance.

Education

Accredited Institutions of Postsecondary Education, Programs, Candidates 1990-91 $41.95
Annual listing by the American Council on Education of accredited colleges and universities in the United States. Available in Canada from:
Maxwell Macmillan Canada Ltd.
539 Collier Macmillan Drive
Cambridge, Ontario N1R 5W9
Toll-free 1-800-265-8669/8674 (orders), 1-800-265-8672 (customer service)

Commonwealth Universities Yearbook 1990 $215 (prepaid)
A directory of Commonwealth universities. Available in Canada from:
Association of Universities and Colleges of Canada
Publications Department
151 Slater St.
Ottawa, Ontario K1P 5N1
Telephone (613) 563-1236

Directory of Canadian Universities 1990/91
$26.95 (prepaid)
Basic information on 71 universities and their affiliated colleges.
Association of Universities and Colleges of Canada
Publications Department
151 Slater St.
Ottawa, Ontario K1P 5N1

Peterson's Guide to Four-Year Colleges 1991
$28.95
Complete information on universities in Canada and the United States.
Book Order Department, Monarch Books
5000 Dufferin Street, Unit K
Toronto, Ontario M3H 5T5
Telephone (416) 663-8231

Spectrum 90 Series (4): Ontario $12.95
Information on colleges, universities, and other education in Ontario. Editions also available for the Atlantic, Quebec, and Western regions.
Guidance Centre, OISE Press
712 Gordon Baker Road
Toronto, Ontario M2H 3R7
Telephone (416) 590-7989

Tour d'horizon Gratuit
Guide de l'éducation postsecondaire en Ontario à l'intention des Franco-Ontariens
Unité des renseignements au public
Ministère des Collèges et Universités
Édifice Mowat, Queen's Park
Toronto (Ontario) M7A 1L2

University Education at a Distance: Opportunities in Ontario 1990-91
Calendar of Distance Education Courses
A copy may be obtained free of charge from:
University of Guelph
Distance Education
Room 153, Johnston Hall
Guelph, Ontario N1G 2W1
Telephone (519) 767-5010

Financial Aid

The following information is available free from
Student Support Branch
Ministry of Colleges and Universities
P.O. Box 4500
Thunder Bay, Ontario P7B 6G9
Tel. (807) 343-7260, toll-free 1-800-465-3013
TDD 1-800-465-3958

Aird Scholarship
An application form and information sheet for students with disabilites who are planning to enter their first year of full-time postsecondary study. Bilingual.

Bursary Program for Francophones Outside of Quebec
An application form and brochure explaining eligibility and application procedures for the program. Funded by the Secretary of State of Canada. Bilingual.

Fellowships for Studying in French
An application form and information sheet for students interested in studying French for the first time at the postsecondary level. This program is funded by the Secretary of State of Canada. Bilingual.

Ontario Graduate Scholarship Program
A booklet explaining eligibility and application procedures for the program. Available in English and in French.

Ontario-Quebec Exchange Fellowship Program
An application form and information sheet explaining eligibility and application procedures for graduate students wishing to continue their studies in the province of Quebec. Bilingual.

Ontario Special Bursary Program
An application form and information sheet outlining provincial assistance for needy, part-time, and upgrading students. Available in English and in French.

Ontario Student Assistance Program (OSAP)
A booklet outlining provincial and federal financial assistance available to Ontario postsecondary students. Available in English (OSAP) or French (RAFEO).

Sir John A. Macdonald Graduate Fellowship in Canadian History
An application form and information sheet explaining eligibility and application procedures for this award. Bilingual.

Summer Language Bursary Program
An application form and brochure explaining eligibility and application procedures for the program. Funded by the Secretary of State of Canada. Bilingual.

William G. Davis Student Award
An application form and information sheet for Crown employees' children entering their first year of postsecondary study. Bilingual.

The bilingual booklets listed below are available, without charge, from
Canada Student Loans Program
Student Assistance Directorate
P.O. Box 2090, Station "D"
Ottawa, Ontario K1P 6C6
Telephone (819) 994-1844
Canada Student Loans Program for Full-Time Students;
Canada Student Loans Program Part-Time Loans Program;
Repaying Your Canada Student Loan.

Canada Scholarships Program
Information on special awards is available from:
The Canada Scholarships Program
Industry, Science, and Technology Canada
8th Floor West
235 Queen Street
Ottawa, Ontario K1A 0H5